

The screenshot shows the HackerEarth question library interface. At the top, there's a dark blue header with a search bar containing "Search candidates or tests..", and user information: "English", "Neha", and a "Help" link. On the left, a sidebar contains navigation links: "Dashboard", "Tests", "Library", "FaceCode", "Billing", and "Settings". The main content area is titled "Library (7435)". It features a "Libraries" section with "HackerEarth library" and "My library" (selected). Below this is a "Question type" section with "MCQ (435)" selected, and "Subjective (230)", "Programming (120)", and "Frontend (123)". A "Difficulty" section shows "Easy" selected, with "Medium" and "Hard" options. A "Section: Python (4)" filter is applied. The main list shows two questions, both asking "In Android, which of the following exceptions is thrown when a cursor contains stale data and must be required before being used again?". Question 04 is marked "Easy" and has tags "Matrix Exponentiation", "Mathematics", and "Shortest path problem". Question 05 is marked "Medium" and has tags "C#", ".NET", "Modular arithmetic", and "Matrix Exponentiation". Both questions have a "2" in a circle, indicating the number of correct answers. A "Create a question" button is located in the top right of the main content area.

Library (7435)

Libraries

- ☐ HackerEarth library
- ☒ My library

Question type

- ☒ MCQ (435)
- ☐ Subjective (230)
- ☐ Programming (120)
- ☐ Frontend (123)
- [+5 more](#)

Difficulty

- ☒ Easy
- ☐ Medium
- ☐ Hard

Section: Python (4)

04. In Android, which of the following exceptions is thrown when a cursor contains stale data and must be required before being used again?

Easy Matrix Exponentiation Mathematics Shortest path problem 2

05. In Android, which of the following exceptions is thrown when a cursor contains stale data and must be required before being used again?

Medium C# .NET Modular arithmetic Matrix Exponentiation 2

Create a question

## Choosing questions the right way- **HackerEarth's question library**

# A look at HackerEarth's question library

The HackerEarth platform has a library of 10k+ questions ranging across different topics and skill sets. We have introduced a few useful features to make it simpler for you to pick the right questions for your test.

## 1. A new look for the question listing interface

HackerEarth's question listing interface now has cleaner sections and visual indicators. This will make it easier to understand the questions and improve the test experience. The drag and drop option makes it easier to add/reorder questions.

TEST DETAILS

Overview

Questions

☐ Multiple Choice Questions (21) Total score: 68

☐ Section: Algorithm (2) Total score: 8 [Enable pooling](#) ▼

01. Which of the following statements is true:

Medium Data Structures Kruskal Minimum spanning tree Algorithms 4

02. Consider the inputs (4352, 1344, 1451, 9659, 1999, 6131, 6173, 4169) and the **hash** function  $x \bmod 10$ . Which of the following statements is true:

Medium Data Structures Algorithms Hash function 4

Section: Python (2) Total score: 2 [Question pool settings](#) ▼

2 questions from this section are displayed in the test

Easy Python

End of the Python section

## 2. Choosing questions based on topics, skills, and difficulty level

The HackerEarth platform already has a robust set of questions readily available when you want to create a test. Under each type, the questions are segregated based on skills and difficulty level ( indicated by clear tags.)

Now you can use the search option to add questions based on the type, topic, or difficulty level, either from the HackerEarth library or from the custom library.

### Choose from library

Multiple Choice Questions    HackerEarth library    All difficulty levels

Search for topics, for example, Python

10997 Multiple Choice Questions found

☐ In Perl, what will the @b array consist of?

```
my @a = (10, 5, 1);  
my @b = sort @a;
```

[More](#)

Arrays    Sorting    Medium    Perl

9/10

☐ What is the output of the following Perl code:

```
print 'a';  
BEGIN {  
    print 'b';  
}  
sub foo {  
    print 'c';  
}
```

[More](#)

Easy    Perl

10/10

### 3. Adding sections and pooling questions

Sections are used to group questions in a test. Using reports, recruiters and hiring managers can get an overall view of how a candidate has fared in a specific section. Use the drag and drop feature to add questions to a particular section.

#### What is question pooling?

Question pooling is the process of adding questions from a question pool to a test. This ensures that multiple candidates attempt such that each candidate receives a different set of questions. By selecting the topic and the difficulty level, you can add questions either automatically or manually.

Note : The difficulty level and the maximum marks of all the questions in a section should be the same to ensure that the assessment is fair.

#### Question pool settings - Test ⓘ

##### Question selection

- ☒ Automatically from a library  
☐ Manually-added questions

##### Select library

- ☒ HackerEarth library  
☐ My library

##### Topic

Select a topic

##### Difficulty level

Easy ▼

##### Number of questions to be shown in the test

0

Save

Cancel

## 4. Checking for publicly available questions

The HackerEarth platform has a feature to detect if a question is available publicly on the internet. If a question is available online, then the Publicly available tag is associated with the question.

17 What is the output of the following Python code:

6

```
import re
regex = re.compile(r'\S\W\D+?')
pattern = regex.findall('Alen is having len of lenses')
pri...
```

Python

Hard

10/10

18 Which Perl function is used to launch a **child** process that runs a program?

6

Hard

Perl

10/10

19 What are the advantages of **packet switching** over **circuit switching**?

2

Subnet

Networking

Packet Switching

Easy

Publicly available

10/10

[+Add multiple-choice question](#) | [Choose from Library](#)

This question is available on the Internet.

What are the advantages of **packet switching** over **circuit switching**?

View the question here:

<https://gateoverflow.in/299004/ace-cbt-2018> 

Try using these features while adding questions in your assessments and let us know how it works for you. If you need any help using them, write to us at [support@hackerearth.com](mailto:support@hackerearth.com). If you're new to HackerEarth and want to create accurate skill-based developer assessments, [sign up for our 14-day free trial](#).