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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » **Programming in Java (course)**

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs08/preview) Ask a Question (forum)

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 Course
outline

 How does an
NPTEL online
course work?

Week 0 :

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

☐ Lecture 26 :
Demonstration-

Java Week 6: Q3

Due on 2020-03-12, 23:59 IST

A part of the Java program is given, which can be completed in many ways, for example using the concept of thread, etc. Follow the given code and complete the program so that your program prints the message "NPTEL Java".

Note: Your program should utilize the given interface/ class.

 Select the Language for this assignment. Java ▾

 File name for this program : Question63.java

```

1 // Interface A is defined with an abstract method run()
2 interface A {
3     public abstract void run();
4 }
5
6 // Class B is defined which implements A and an empty implement
7 class B implements A {
8     public void run() {}
9 }
10
11 // Create a class named MyThread and extend/implement the requi
12
13 // Define a method in MyThread class to print the output
14
15 class MyThread extends B {
16 // Define a method in MyThread class to print the output
17     public void run(){
18         System.out.print("NPTEL Java");
19     }
20 }
21

```

X (unit?
unit=7&lesson=40)

☐ Lecture 27 :
Multithreading-
I (unit?
unit=7&lesson=41)

☐ Lecture 28 :
Multithreading-
II (unit?
unit=7&lesson=42)

☐ Lecture 29 :
Demonstration-
XI (unit?
unit=7&lesson=43)

☐ Lecture 30 : I-
O Stream-I
(unit?
unit=7&lesson=44)

☒ Quiz :
Assignment 6
(assessment?
name=98)

☒ Java Week 6:
Q1
(/noc20_cs08/progassignment?
name=142)

☒ Java Week 6:
Q2
(/noc20_cs08/progassignment?
name=143)

☒ Java Week 6:
Q3
(/noc20_cs08/progassignment?
name=144)

☒ Java Week 6:
Q4
(/noc20_cs08/progassignment?
name=145)

☒ Java Week 6:
Q5
(/noc20_cs08/progassignment?
name=146)

☐ Feedback For
Week 6 (unit?
unit=7&lesson=154)

Week 7 :

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```

0      // Main class Question is defined
1 public class Question63 {
2     public static void main(String[] args) {
3         // An object of MyThread class is created
4         MyThread t = new MyThread();
5         // run() of class MyThread is called
6         t.run();
7     }
8 }
9

```

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.

Save as Draft	Compile & Run	Submit	Reset
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Sample Test Cases

	Input	Output
Test Case 1	<input type="text"/>	NPTEL Java

Assignment Solution