

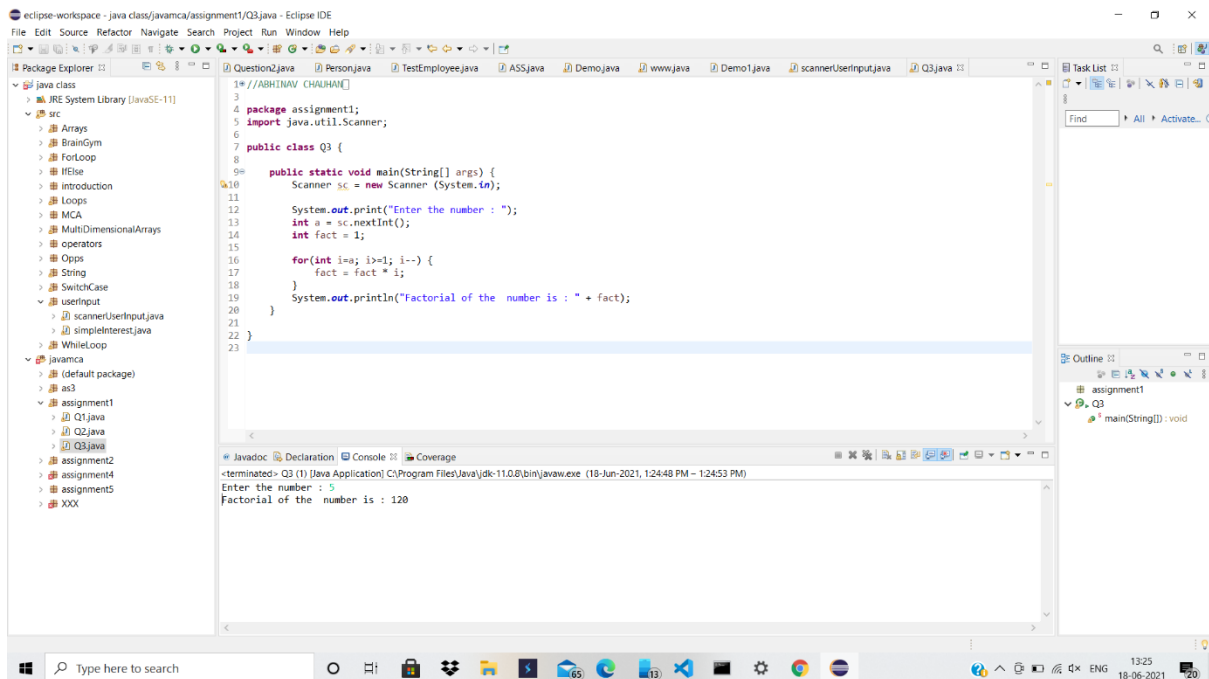
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Q1 –



The screenshot displays the Eclipse IDE interface. The Package Explorer on the left shows a project named 'javamca' with a package 'assignment1' containing files 'Q1.java', 'Q2.java', and 'Q3.java'. The main editor window shows the code for 'Q3.java'.

```
14 //ABHINAV CHAUHAN
3
4 package assignment1;
5 import java.util.Scanner;
6
7 public class Q3 {
8
9     public static void main(String[] args) {
10         Scanner sc = new Scanner(System.in);
11
12         System.out.print("Enter the number : ");
13         int a = sc.nextInt();
14         int fact = 1;
15
16         for(int i=a; i>=1; i--) {
17             fact = fact * i;
18         }
19         System.out.println("Factorial of the number is : " + fact);
20     }
21 }
22
23
```

The Console window at the bottom shows the output of the program:

```
<terminated> Q3 (1) [Java Application] C:\Program Files\Java\jdk-11.0.8\bin\javaw.exe (18-Jun-2021, 1:24:48 PM - 1:24:53 PM)
Enter the number : 5
Factorial of the number is : 120
```

The Outline window on the right shows the class structure:

```
assignment1
└─ Q3
   └─ main(String[]) : void
```