Core Java:

1.

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ong.java - Eclipse IDE
rch Project Run Window Help
= 🗖 🛽 Hellojava 🖟 Armstrong.java 🗵 🖟 Armstrongra... 🖟 interest.java 🖟 Marks.java 🖟 Re
         2 public class Armstrong {
                public static void main(String[] args) {
        4-
                    int num =153, number ,temp ,count=0;
                    number= num;
while(number !=0)
                         temp =number % 10;
count=count + temp*temp*temp;
number /=10;
        10
11
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14
                     System.out.println(num +" "+ "is an Armstrong number"); else
                        System.out.println(num +" "+ "is not an Armstrong number");
         19
20 }
21
         Problems @ Javadoc 🔞 Declaration 🖵 Console 🖾
         <terminated > Armstrong [Java Application] C:\Program Files\Java\jdk-16.0.2\bin\javaw.exe (06-Aug-2021, 12:06:18)
153 is an Armstrong number
```

```
③ 王 ÷ → → Mai
                                                                                                                   A.
                                           import java.util.Scanner;
                                           public class Marks {
                                                public static void main(String[] args) {
                                                   int sub1, sub2, sub3;
                                                    Scanner scanner = new Scanner(System.in);
                                                   System.out.print("marks of sub1");
                                                   sub1=scanner.nextInt();
                                                   System.out.print("marks of sub2");
                                                   sub2=scanner.nextInt();
                                                   System.out.print("marks of sub3");
                                                   sub3=scanner.nextInt();
                                    13
14
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                                                  if (sub1 > 60 && sub2 > 60 && sub3 > 60) {
                                                       System.out.println("Pass");
                                                    } else if (sub1 > 60 && sub2 > 60 && sub3 < 60) {
                                                       System.out.println("Promoted");
                                                   } else if (sub1 > 60 || sub2 < 60 && sub3 < 60) {
                                                       System.out.println("Fail");
"C:\Program Files\Java\jdk-16.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021
marks of sub1 70
marks of sub2 75
marks of sub3 90
Pass
Process finished with exit code 8
```

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| Description |
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🕝 IncomeTax.java × 📵 BubbleSort.java 🔻 🧶 Sort.java
                                              package Default;
                                             import java.util.Arrays;
                                              import java.util.Scanner;
                                             bublic class ArraySearch {
                                       4 >
                                                   public static void main(String args[]) {
                                                       int no, flag = 0;
                                                       System.out.println("array:");
                                                       int arr[] = {5, 12, 14, 6, 78, 19, 1, 23, 26, 35, 37, 7, 52, 86, 47};
System.out.println(Arrays.toString(arr));
                                                       System.out.println("Search no.");
                                                       Scanner scan = new Scanner(System.in);
                                                       no = scan.nextInt();
                                                       for (int \underline{i} = 0; \underline{i} < arr.length; \underline{i} ++) {
                                                           if (arr[i] == no) {
                                                               System.out.println("Number Found at " + ++1 + ") position ");
"C:\Program Files\Java\jdk-16.8.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.2\li
[5, 12, 14, 6, 78, 19, 1, 23, 26, 35, 37, 7, 52, 86, 47]
Search no.
Number Found at 8) position
Process finished with exit code \theta
```