

ASSIGNMENT_5

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Roll no.: 73

```
1 package Examples;
2 //Q 2 wap to check a given number is armstrong or not i.e.  $153 = 1*1*1 + 5*5*$ 
3 import java.util.Scanner;
4 public class Ex2 {
5
6     public static void main(String[] args) {
7         int r,sum=0;
8         Scanner sc=new Scanner(System.in);
```

Total price :1290

```
24 package Examples;  
25 import java.util.Scanner;  
26 public class Ex3 {
```

Q 4 Given an integer U denoting the amount of KWh units of electricity consumed, the task is to calculate the electricity bill with the help of the below charges:

1 to 100 units – Rs. 10/unit

100 to 200 units – Rs. 15/unit

```
27 public class Ex4 {  
28  
29     public static void main(String[] args) {  
30         System.out.println("Enter amount of unit consumed:");  
31         Scanner sc=new Scanner(System.in);  
32         int u=sc.nextInt();  
33         System.out.println("Unit="+u);  
}
```

Example 1:

Input:

$N = 5$

$\text{arr}[] = \{1\ 2\ 3\ 4\ 5\}$

```
39     }  
40     System.out.println();  
41     System.out.println("Enter key value to be found:");  
42  
43     int k=sc.nextInt();  
44     int first=0;  
45     int last=a.length-1;  
46     int mid=(first+last)/2;  
47
```

Q 5 write a java program and define an array, print all the elements which are leaders. A Leader is an element that is greater than all of the elements on its right side in the array

Examples:

Example 1:


```
14 package Examples;
```

```
15
```

```
16 import java.util.Scanner;
```

```
17
```

```
18 public class Ex6 {
```

```
19
```

```
20
```

```
    public static void main(String[] args) {
```

anagram of a string is another string that contains the same characters, only the order of characters can be different. For example, abc and bca are an anagram of each other.

Example 1:

```
9 package Examples;
10 import java.util.Arrays;
11 import java.util.Scanner;
12 public class Ex7 {
13
14     public static void main(String[] args) {
15         System.out.println("Enter String 1 :");
16         Scanner sc=new Scanner(System.in);
17         String s1=sc.next();
```

```
50         {
51             System.out.println("Given String is not Anagram");
52             f=1;
53         }
54     }
55     if(f==0)
56     {
```