

## WORKSHEET-2

- 1.C
- 2.A
- 3.D
- 4.C
- 5.A
- 6.A
- 7.A
- 8.A
- 9.A
- 10.A
- 11.A
- 12.C
- 13.D
- 14.A
- 15.A
- 16.A

/\* Even Odd Program \*/

```
import java.util.Scanner;
public class evenOdd {
    public static void main(String[] args) {
        int n;
        System.out.println("Enter any number");
        Scanner r=new Scanner (System.in);
        n=r.nextInt();
        if (n%2 ==0)
        {
            System.out.println("Even Number");
        }
        else
        {
            System.out.println("Odd Number");
        }
    }
}
```

```
/* Swap of two number */
```

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

```
public class swap {
```

```
    public static void main(String[] args) {  
        int a,b ,temp;  
        System.out.println("Enter two numbers");  
        Scanner r=new Scanner(System.in);  
        a=r.nextInt();  
        b=r.nextInt();  
        System.out.println("Before Swapping"+a+" "+b);  
        temp=a;  
        a=b;  
        b=temp;  
        System.out.println("After Swapping"+a+" "+b);  
    }
```

```
}
```

```
/*Average of two number */
```

```
package assignmenttask;
```

```
public class avg {
```

```
    public static void main(String[] args) {  
        float a, b, c, ave;  
        a=10;b=5; c=a+b;  
        ave=c/2;  
        System.out.println(ave);  
    }
```

```
}
```

```
}
```

```
/*Prime number program */
```

```
package assignmenttask;
```

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

```
public class primeNum {
```

```
    public static void main(String[] args) {  
        Scanner s=new Scanner(System.in);  
        System.out.println("Enter any number");  
        int no=s.nextInt();
```

```
int temp=0;
```

```
for(int i=1; i<=no; i++)
```

```
{
```

```
    if(no%i==0)
```

```
{
```

```
        temp=temp+1;
```

```

    }
}
if(temp==2)
{
    System.out.println(no+"is prime no");
}
else
{
    System.out.println(no+"is not prime");
}
}
}
}

```

/\* find the table of n \*/

```

package assignmenttask;
import java.util.Scanner;

public class main {

    public static void main(String[] args) {
        System.out.println("enter no");
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        for(int i=1;i<=10; i++)
        {
            System.out.println(n*i);
        }
    }
}

```

/\*Greatest no in three\*/

```

package assignmenttask;

public class greatest {

    public static void main(String[] args) {
        int a=10,b=20,c=30;
        if(a>b)
        {
            if(a>c)
                System.out.println(a);
            else
                System.out.println(b);
        }
        else
        {
            if(b>c)
                System.out.println(b);
            else
                System.out.println(c);
        }
    }
}

```

```
/* Simple interest */
```

```
package assignmenttask;  
import java.util.Scanner;
```

```
public class simple_interest {  
  
    public static void main(String[] args) {  
        Scanner sc=new Scanner(System.in);  
        System.out.println("Enter any amount");  
        int p=sc.nextInt();  
        System.out.println("Enter time in months");  
        int t=sc.nextInt();  
        System.out.println("Enter Interest rate");  
        int r=sc.nextInt();  
        int si=(p*t*r);  
        System.out.println("Simple interest is :"+si);  
    }  
}
```

```
/* Area and perimeter of rectangle */
```

```
package assignmenttask;
```

```
public class rectangle {  
  
    public static void main(String[] args) {  
        double len=6;  
        double b=2;  
        double peri=2*len+2*b;  
        double area=len*b;  
        System.out.println("Perimeter is:"+peri);  
        System.out.println("area is:"+area);  
    }  
}
```

```
/* vowel or consonant */
```

```
package assignmenttask;  
import java.util.Scanner;  
public class vowel_consonant {
```

```
    public static void main(String[] args) {  
        char ch;  
        System.out.println("Enter any alphabet");  
        Scanner r=new Scanner(System.in);  
        ch=r.next().charAt(0);  
        if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u')  
        {  
            System.out.println("vowel");  
        }  
        else {  
            System.out.println("consonant");  
        }  
    }  
}
```

