

Assignment 01

Q1. Accept a integer number and when the program is executed print the binary, octal and hexadecimal equivalent of the given number.

Sample Output:

```
java Test
```

```
Enter Number : 20
```

```
Given Number :20
```

```
Binary equivalent :10100
```

```
Octal equivalent :24
```

```
Hexadecimal equivalent :14
```

Hint : Use Wrapper Class (toBinaryString() , toOctalString(), toHexString())

2. Accept 2 double values from User (using Scanner). Check data type. If arguments are not doubles, supply suitable error message & terminate.

If numbers are double values, print its average.

Hint : Check Scanner class for the methods

3. Write a program to generate following pattern

a)

```
  *
 * *
* * *
* * * *
* * * * *
```