Practice Programs (Part – 3)

P1:- Write a python program to convert a number into binary, octal and hexadecimal.

```
--Output--
1 : bin
2 : oct
3 : hex
4 : exit
enter your choice:1
enter number:10
Binary of 10 is 1010
```

P2:- Write a percentage calculator application.

```
--Output--
enter your first name:uttam
enter your last name:kumar
Hello uttam kumar ,welcome to average and percentage calculator
application
how many subjects do you have : 3
Enter marks obtained in 3 subjects:
enter marks in subject1: 90
enter marks in subject2: 78
enter marks in subject3: 68
Percentage Marks = 78.67
```

P3:- Write a python program to Find Square Root of a Number.

```
--Output--
Enter 'x' for exit.
Enter a number: 25
Square Root of 25.000 is 5.000
Enter 'x' for exit.
Enter a number: x
Bye
```

P4:- Check numbers divisibility.

```
--Output--
enter number:5876
entered number is divisible by:41
NO
enter number:1010
```

```
entered number is divisible by:5
YES
```

P5:- Find largest of 3 numbers without using any built-in function.

```
--Output--
Enter any three numbers:
Num1: 89
Num2: 56
Num3: 34
Largest of given three numbers is 89
```

P6:- Write program to calculate –

1) Area of square
2) Area of rectangle
3) Area of triangle
4) perimeter of square
5) perimeter of rectangle
6) perimeter of triangle

P7:- Convert an ASCII value to it's corsponding character and vice versa.

P8:- Write a program to print Fibonacci Series (0 1 1 2 3 5 8).

```
--Output--
how many terms?6
fibonacci:
0 1 1 2 3 5
```

P9:- Write a program to convert Fahrenheit to Celsius.

```
--Output--
Enter 'x' for exit.
Enter Temperature in Fahrenheit: 45
Temperature in Celsius = 7.222222222222222

Enter 'x' for exit.
Enter Temperature in Fahrenheit: x
```