TUTORIALS – 2
(MODULE – 2)

1.write a C program to read an integer number from keyboard and find the square of the number

```c
//TUTORIALS - 2, MODULE - 2
//QN 1
//1.write a C program to read an integer number from keyboard and
   find the square of the number.
#include <stdio.h>
int main()
{
    int num;
    int square;

    //Displaying Enter integer number
    printf("Enter an integer number:");
    scanf("%d", &num);

    //Displaying Square
    square = num*num;
    printf("The Square of the %d is %d", num, square);
    return 0;
}
```

Output:
```
/tmp/q0vq1TwLIF.o
Enter an integer number:45
The Square of the 45 is 2025
```

2. input 3 numbers (real or integer)and find the average of the three numbers with precision of format as 8.3

```c
//TUTORIALS - 2, MODULE - 2
//QN 2
//2. input 3 numbers (real or integer)and find the average of the
   three numbers with precision of format as 8.3
#include <stdio.h>
int main()
{
    float a,b,c,Average;
    printf("Enter 3 numbers to find the Average:\n");
    scanf("%f%f%f", &a, &b, &c);
    Average = (a+b+c)/3;
    printf("Average = %0.3f", Average);
    return 0;
}
```

Output:
```
/tmp/22AjHmSagd.o
Enter 3 numbers to find the Average:
40
45
55
Average = 46.667
```

3.take two input values and perform all arithmetic operations on the given input.

```
main.c                                    Save    Run        Output

 1  //TUTORIALS - 2, MODULE - 2                               /tmp/c9QvvehPpT.o
 2  //QN 3                                                    Enter two numbers:7
 3  //3. take two input values and perform all arithmetic operations on    3
        the given input.
 4  #include <stdio.h>                                        Addition of 7 and 3 = 10
 5  int main()                                                Subtraction of 7 and 3 = 4
 6 ▼ {                                                        Multiplication of 7 and 3 = 21
 7      int num1,num2;                                        Quotient of 7 and 3 = 2
 8      printf("Enter two numbers:");                         Remainder of 7 and 3 = 1
 9      scanf("%d %d", &num1, &num2);
10
11      printf("\nAddition of %d and %d = %d", num1,num2,num1+num2);
12      printf("\nSubtraction of %d and %d = %d", num1,num2,num1-num2);
13      printf("\nMultiplication of %d and %d = %d", num1,num2,num1*num);
14      printf("\nQuotient of %d and %d = %d", num1,num2,num1/num2);
15      printf("\nRemainder of %d and %d = %d", num1,num2,num1%num2);
16
17      return 0;
18  }
19
```

4.display your name,address,city and phone using a C program.

```
main.c                                    Save    Run        Output

 1  #include <stdio.h>                                        /tmp/9H3YqfBGXV.o
 2                                                            Name: Karthik Krishnan
 3 ▼ int main() {                                             Address: Kunnathu Pisharam Memury P.O
 4      char name[] = "Karthik Krishnan";                     City: Kottayam
 5      char address[] = "Kunnathu Pisharam Memury P.O";      Phone: 9446045030
 6      char city[] = "Kottayam";
 7      char phone[] = "9446045030";
 8
 9      printf("Name: %s\n", name);
10      printf("Address: %s\n", address);
11      printf("City: %s\n", city);
12      printf("Phone: %s\n", phone);
13
14      return 0;
15  }
```