

1- Write a program to obtain the following output. (You will just use “printf()” function)

```
      *
     * *
    *  *
   *   *
  *    *
 *     *
*****
 *     *
 *     *
 *     *
*****
Press any key to continue
```

2- The following code is written to find the area of a circle but it contains errors. Rewrite the correct form of the codes.

```
$include (stdio);
#define PI=3.14;

int main;

    int radius,
    double area,

    printf(Enter the radius of the circle:)
    scanf ("%f, radius")
    area=PI*radius*radius
    printf("Radius of the circle:%d\n,area")
    return0
```

3- Following code has some errors. Rewrite the correct form of the code.

```
#include <stdio.h>
void main()
{
    int a,b;
    b=a%2;
    if (a>0)
    {
        if(b!=1);
        Printf("your number is positive and even");
        Else;
        Printf(your number is positive and odd);
    }
    Else
        Printf("Your number is negative");
    }
    Return (0);
}
```

4- Write a program that wants user to enter 2 numbers. Then sum, difference, product, quotient and modulus of the numbers will be printed.

Sample usage of the program:

```
ENTER TWO NUMBERS :  
15 4  
=====  
THE SUM IS:19  
THE DIFFERENCE IS:11  
THE PRODUCT IS:60  
THE QUOTIENT IS:3  
THE MODULOS IS:3  
=====  
Press any key to continue_
```