1. Write the following program and examine the output:

```c
#include <stdio.h>
int main (void)
{
    int a,b;
    printf(“ Input two numbers” );
    scanf(“%d%d”, &a, &b);
    printf(“sum=%d
”, a+b);
    printf(“subtraction=%d
”, a-b);
    printf(“multiplication=%d
”, a*b);
    printf(“division=%d
”, a/b);
    printf(“modulus=%d
”, a%b);
    printf(“result=%d
”, a=a+2);
    printf(“try=%lf
”, x);
}
```

2. Write printf statements with placeholders to display the following output:

```
* * * *
4 4 4
 g g
9
```

3. Write a program that prints numbers 1 to 5 on the same line.
   a. use one printf statements with no placeholders
   b. use one printf statement with four placeholders
   c. use four printf statements
4. write a program to display the following:

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

5. Write a program that inputs three exam grades of a student. It will find and display the average grade on the screen.

6. Write a program to input base length and height of parallelogram and to find and display its area on the screen.

**Sample run:**
Enter base length: 4
Enter height: 3
Area: 6.0