1. **Write a C language code for a program to obtain marks of two subjects from the user as input and find the highest mark out of the two and display it as a result on the screen.**
2. **Write a C language code for a program to obtain marks of three subjects from the user as input and find the highest mark out of the three and display it as a result on the screen.**
3. **Write a C language code for a program to obtain the marks from the user and display the grade.**

|  |  |
| --- | --- |
| **Marks** | **Grade** |
| Marks >= 80 | **“**A” |
| Marks >= 60 | “B” |
| Marks >= 50 | “C” |
| Marks > = 40 | “D” |
| Marks < 40 | “F” |

1. **Write a C language code for a program to perform the operations of a basic calculator. Obtain the necessary operator and two values from the user and perform the necessary function to the two values accordingly and display the final answer.**

**Operators : ‘+’ , ‘-‘ , ‘\*’ , ‘/’**

**If an invalid operator is given by the user, it should display “Invalid Operator”.**

1. **Write a C program to find the maximum between two numbers obtained from the user, using switch case.**
2. **Write a C program to check whether a number given by the user is even or odd using switch case.**
3. **Write a C program to check whether a number obtained from the user is positive, negative or zero using switch case.**
4. **Write a C program to print the day of the week using switch case (1-7).**
5. **Write a C language code for a program that display the sum of all values, sum of odd values and sum of even values between 1 to 10.**
6. **Write a C language code for a program to get the marks of 10 students and display the total and average of the marks.**
7. **Write a C language code for a program to output the following pattern after obtaining the number of lines from the user.**

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1. **Write a C language code for a program to calculate the factorial of a given value.**

**Example : Factorial of 5 = 5 x 4 x 3 x 2 x 1 = 120**

**Factorial of 4 = 4 x 3 x 2 x 1 = 24**

**Factorial of 3 = 3 x 2 x 1 = 6**

**Factorial of 2 = 2 x 1 = 2**

**Factorial of 1 = 1**