**Decision Making and Control Statements**

1. Write down a program that can take two numbers as input and then find out which number is bigger.
2. Write down a program that can take three numbers as input and find out which number is the biggest. (**Using nested if else**).
3. Write down a program that will take number and check whether it is **negative, positive or neutral**.
4. Write down a program that can take a number as input and find out it is **odd or even.**
5. Write down a program that can take a year as input and find out it is **leap year or not**. (Study about the leap year first).
6. C Program to Check Vowel or Consonant.
7. Write a program to create a simple calculator that will perform **addition, subtraction, multiplication and division depending upon user’s choice.**
8. Write a program that will take a number from user and convert it into either **feet to meter or meter to feet depending upon user choice**.
9. Write down a program that can **take marks (out of 100) and then show the grade as output.**

|  |  |
| --- | --- |
| Sample Input (Marks) | Sample Output (Grade) |
| 80-100 | A+ |
| 75-79 | A |
| …. | … |
| 0-39 | F |
| Otherwise | Invalid Marks |

1. C Program to input a character and check that it’s a small letter, capital letter, a digit or a special symbol.