### **Conditional Statements Assignment Questions:**

### **Beginner Level**

1. Check if a number is divisible by 7.
2. Check if a number is a factor of 84.
3. Check if a number is a factor of 96.
4. Check if a number is a multiple of 3.
5. Check if a number is positive or negative.
6. Check if a number has 4 at the unit's place.
7. Check if a number is a three-digit number.
8. Check if a number is even or odd.

### **Basic Level**

1. Find the greatest number among two numbers.
2. Find the least number among two numbers.
3. Print two given numbers in ascending order.
4. Print two given numbers in descending order.
5. Find the greatest number among three numbers.
6. Find the least number among three numbers.
7. Print three given numbers in ascending order.
8. Print three given numbers in descending order.
9. Check if a character is a vowel or consonant.
10. Check if a character is an alphabet or not.
11. Check if a character is uppercase, lowercase, special character, or digit.

### **Intermediate Level**

1. Check if a given year is a leap year.
2. Check if a date is valid or not.
3. Voting eligibility checker.
4. Check whether a number is negative, positive, or zero.
5. Check whether a number is divisible by 5 and 11.
6. Identify whether an input character is a vowel or consonant.
7. Identify whether an input character is an alphabet, digit, or special character.
8. Check if a character is uppercase or lowercase.
9. Input a week number and print the corresponding weekday.
10. Input a month number and print the number of days in that month.

### **Advanced Level**

1. Count the total number of notes in a given amount.
2. Input angles of a triangle and check whether the triangle is valid.
3. Determine if a triangle is equilateral, isosceles, or scalene.

### **Switch Case Problems**

1. Implement a switch case to determine grades.
2. Implement a switch case to perform operations (+, -, \*, /, %).
3. Temperature Conversion Celsius To Fahrenheit And Vice Versa
4. Calculator
5. Find A Grade Of Given Marks or (Find a Grade of Given Marks Using Switch Case)
6. Find Radius, Circumference and Volume of Cylinder
7. Remove All Vowels From A String
8. Print day of week name using switch case.
9. Print total number of days in a month using switch case.
10. Check whether an alphabet is a vowel or consonant using a switch case.
11. Find the maximum between two numbers using the switch case.
12. Check whether a number is even or odd using a switch case.
13. Check whether a number is positive, negative or zero using a switch case.
14. Find roots of a quadratic equation using switch case.
15. Create a Simple Calculator using a switch case.