

## **If-else Statement Assignment**

### **Program 1:**

**Write a dart program to check if a number is even or odd.**

**Input:** var=10;

**Output:** 10 is an even no

**Input:** var=37;

**Output:** 37 is an odd no

### **Program 2:**

**Write a dart program, take a number and print whether it is less than 10 or greater than 10.**

**Input:** var=5

**Output:** 5 Is Less than 10.

**Input:** var=16

**Output:** 16 Is greater than 10.

### **Program 3 :**

**Write a dart program to determine if the user can cast a vote or not(a person with age above 18 can cast a vote )**

**Input:** age=18

**Output:** You can cast a vote

**Input :** age=14

**Output:** You can't cast a vote.

### **Program 4 :**

**Write a dart program, take a number and print whether it is positive or negative.**

**Input:** var=5

**Output:** 5 is a positive number

**Input:** var=-9

**Output:** -9 is a negative number

**Program 5 :**

**Write a dart program to check if a character is a vowel or consonant.**

**Input:** var="A";

**Output:** A is a vowel.

**Input:** var="D";

**Output:** D is a consonant.

**Program 6 :**

**Write a dart program that takes a number from 0 to 5 and prints its spelling, if the number is greater than 5 print entered number is greater than 5**

**Input :** var4= 4

**Output :** four

**Program 7 :**

**Write a dart program, in which according to month no print the no. of days in that month**

**Input :** month = 7

**Output :** July has 31 days

**Input :** month = 13

**Output :** Invalid month

### **Program 8 :**

**Write a dart program to check whether the number is divisible by 3 & 5 i.e**

**If the number is divisible by both 3 and 5 : o/p "Divisible by both"**

**If number is only divisible by 3 : o/p "Divisible by 3"**

**If number is only divisible by 5 : o/p "Divisible by 5"**

**If neither divisible by 3 nor 5 then : o/p ""Not divisible by 3 or 5"**

**Input:** x=15

**Output:** Divisible by both

**Input:** x=9

**Output:** Divisible by 3

### **Program 9 :**

**Create a dart program to calculate the ticket price for the upcoming Cricket World Cup**

- 1. For Upper Stand ticket ( represented by 1) price is 2000**
- 2. For Middel Stand ticket (represented by 2) price is 3000**

**3. For Lower Stand ticket (represented by 3 ) price is 7000**

**4. All other tickets for 2500**

**Input:** x=1

**Output:** Please pay 2000 rupees.

**Input:** x=6

**Output:** Please pay 2500 rupees

**Program 10 :**

**Write a dart program to calculate electricity bill of a house based on following criteria**

**For first 90 units: No charge**

**90 to 180 units: 6 rupees per unit**

**180 to 250 units: 10 rupees per unit**

**Above 250 units : 15 rupees per unit**

**Input:** 90

**Output:** 540

**Input:**120

**Output:**720