Q1.Name the keyword which helps in writing code involving conditions?

The else keyword is used in condition and if and and elif also used.

Q2.syntax of the simple if statement

If (condition):

Statement block

Q3. Code

age = int(input("Enter age of a user: "))

if age >= 18:

print("User is eligible for voting: ", age)

else:

print("User is not eligible for voting: ", age)

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Output : know program

Q5. Write program to check whether a number entered by user is even or odd

num = int(input("Enter a number: "))

if (num % 2) == 0:

   print("{0} is Even number".format(num))

else:

print("{0} is Odd number".format(num))

Q6. Code

num1 = 10

num2 = 50

num3 = 15

if (num1 >= num2) and (num1 >= num3):

largest = num1

elif (num2 >= num1) and (num2 >= num3):

largest = num2

else:

largest = num3

print("The largest number is", largest)

Q7.code

print("List of months: January, February, March, April, May, June, July, August, September, October, November, December")

month\_name = input("Input the name of Month: ")

if month\_name == "February":

print("No. of days: 28/29 days")

elif month\_name in ("April", "June", "September", "November"):

print("No. of days: 30 days")

elif month\_name in ("January", "March", "May", "July", "August", "October", "December"):

print("No. of days: 31 day")

else:

print("Wrong month name")