**Question 1**

|  |
| --- |
| **Source Code** |

|  |
| --- |
| #Find if the no is ODD or EVEN num = int(input("Enter a number: "))  if num % 2 == 0:  print(num, "is EVEN") else:  print(num, "is ODD") |

**Question 2**

|  |
| --- |
| **Source Code** |

|  |
| --- |
| #Assign grade to students such as- marks >=90 A+ | >=75 A | >=60 B | >=50 C | else F marks = int(input("Enter the marks obtained by the student: "))  if marks >= 90:  grade = "A+" elif marks >= 75:  grade = "A" elif marks >= 60:  grade = "B" elif marks >= 50:  grade = "C" else:  grade = "F"  print("The grade is:", grade) |

**Question 3**

|  |
| --- |
| **Source Code** |

|  |
| --- |
| #Print the day of week using Match Case day = int(input("Enter a number (1-7) for the day of the week: "))  match day:  case 1:  print("Monday")  case 2:  print("Tuesday")  case 3:  print("Wednesday")  case 4:  print("Thursday")  case 5:  print("Friday")  case 6:  print("Saturday")  case 7:  print("Sunday")  case \_:  print("Invalid input. Please enter a number between 1 and 7.") |

**Question 4**

|  |
| --- |
| **Source Code** |

|  |
| --- |
| #Print the multiplication table of a number num = int(input("Enter a number to print its multiplication table: "))  for i in range(1, 11):  print(num, "x", i, "=", num \* i) |

**Question 5**

|  |
| --- |
| **Source Code** |

|  |
| --- |
| #create a list and print it in reverse order using for loop myList = [] for i in range(5):  num = int(input("Enter Number " + str(i + 1) + ": "))  myList.append(num)  for i in range(len(myList) - 1, -1, -1):  print(myList[i]) |