If-Else

53. Write a program to check whether a given number is positive or negative. If positive, print "Positive Number", otherwise print "Negative Number".

54. Write a program to check whether a given number is even or odd. If even, print "Even Number", otherwise print "Odd Number".

55. Write a program to check whether a given number is greater than 10 or not. If greater, print "Greater", otherwise print "Not Greater" along with the number.

56. Write a program to check whether a value is between 45 and 125. If yes, print its ASCII character.

57. Write a program to check whether two input numbers are divisible by both 3 and 5. If yes, print "Good Morning", otherwise print "Good Evening".

58. Write a program to accept two integers and check whether they are equal or not. If equal, multiply them and display, otherwise display their quotient value.

59. Write a program to find the largest of two numbers.

60. Write a program to check whether a number is greater than 10 or not. If greater, print "Greater" with the number, otherwise print the number only.

61. Write a program to check whether a given integer n is greater than 21. If yes, print the absolute difference between n and 21, otherwise print twice the absolute difference.

62. Write a program to find the smallest of two numbers.

63. Write a program to check whether a given number is even or odd. If even, make it odd, if odd, make it even.

64. Write a program to check whether a number is divisible by 3. If yes, print the number, otherwise print its cube.

65. Write a program to check whether a number is divisible by both 3 and 5. If yes, print the number, otherwise print the string form of the number.

66. Write a program to check whether a number is between 1 and 19. If yes, print its square, otherwise print its cube.

67. Write a program to check whether a student has passed or failed. If marks > 40 print "PASS" with marks, otherwise print "FAIL" with marks.

68. Write a program to check whether a number is even, in range 47–58, and not 0. If true, display its ASCII character, otherwise perform floor division by 5 and display.

69. Write a program to check whether a value is less than 125 and between 47 and 125. If true, store it in a dictionary as key with ASCII as value, otherwise append to a list and display.

70. Write a program to check whether a character is an alphabet or not. If yes, display "Alphabet" with character, otherwise "Not Alphabet" with character.

71. Write a program to check whether a character is uppercase or not. If uppercase, display "Uppercase" with character, otherwise "Other Character" with character.

72. Write a program to check whether a character is lowercase or not. If lowercase, display "Lowercase" with character, otherwise "Other Character" with character.

73. Write a program to check whether a character is uppercase. If yes, convert it to lowercase, otherwise display its ASCII value.

74. Write a program to check whether a character is lowercase or uppercase. If lowercase, convert to uppercase, otherwise convert to lowercase, then display.

75. Write a program to check whether the first character of a string is a special symbol. If yes, display the middle character, otherwise reverse the string and display half of it.

76. Write a program to check whether a character is a vowel or not. If vowel, print "VOWEL" with the character, otherwise print "CONSONANT".

77. Write a program to check whether a character is a vowel or consonant. If vowel, print the next character, otherwise print the previous character.

78. Write a program to check whether the first character of a string is an

alphabet. If yes, reverse the string, otherwise print the middle character.

79. Write a program to check whether a character is uppercase or lowercase. If uppercase, convert to lowercase, if lowercase, convert to uppercase.

80. Write a program to check whether a string has less than 3 characters. If yes, print the entire string, otherwise print the string from the 4th character onwards.

81. Write a program to check whether the length of a string is even. If even, append "bye", otherwise print the first and last characters.

82. Write a program to check whether the length of a string is odd. If odd, add "Haii" at the beginning, otherwise remove first and last characters and display the remaining.

83. Write a program to check whether the last character of a string is a special symbol. If yes, print the reverse string except the last char, otherwise if length is odd, move middle char to the end.

84. Write a program to check whether a year is a leap year or not.

85. Write a program to find the greatest of two numbers and display with "Greatest" message.

86. Write a program to check whether a value is present in a collection. If yes, print "Value is Available", otherwise "Value Not Present".

87. Write a program to check whether the length of a string is more than 2. If yes, swap first and last characters, otherwise print the string 3 times.

88. Write a program to check whether a value is a list and its first and last items are integers. If yes, divide the first item by 3 and apply bitwise NOT on the last, else print (length of collection)^2.

89. Write a program to check whether a value is a string and its length > 7. If yes, insert a new string in the middle, otherwise replicate the string 3 times.

90. Write a program to check whether the first two characters of a string are sequential. If yes, print the first, second, and last two characters, otherwise reverse first half and keep second half normal.

91. Write a program to check whether a value is present in a collection. If yes, print the value, otherwise print "Value Not Found".

92. Write a program to check whether a key is present in a dictionary. If yes, print its value, otherwise add the key with a new value.

93. Write a program to check whether a collection is a set. If yes, append a new value, otherwise remove duplicates and convert it to a set.

94. Write a program to read the age of a candidate and check voting eligibility. If age ≥ 18, print "Eligible" with age, otherwise print "Not Eligible".

95. Write a program to check whether a number is even, between 47–58, and not 0. If true, display ASCII, otherwise perform floor division by 5 and display.

96. Write a program to check whether a string is a palindrome. If yes, print "Palindrome" with string, otherwise "Not Palindrome".

97. Write a program to check whether a number is a palindrome. If yes, print "Palindrome" with number, otherwise "Not Palindrome".

98. Write a program to check whether two strings have equal length. If yes, concatenate and display, otherwise print both strings with their lengths.

99. Write a program to check whether two values point to the same memory location. If yes, print the middle element of the second collection, otherwise print the first and last items of the first collection with address.

100. Write a program to check whether the length of a string is more than 10 and ASCII of first+last character is divisible by 5. If true, print ASCII of first, middle, last characters, otherwise print string 3 times.

101. Write a program to check whether the middle element of a list is a string. If yes, print the list, otherwise print the middle element.

102. Write a program to return a new string where the first and last characters are swapped.

103. Write a program to find numbers divisible by 7 but not multiples of 5. If true, print the number, otherwise multiply it by 4 and print.

104. Write a program to check whether two values point to the same memory address. If yes, display the address, otherwise display both addresses.

105. Write a program to check whether a character is a special symbol. If yes, print the character 3 times and then 5 times.

106. Write a program to check whether two strings have equal length. If yes, print concatenation of one string, otherwise print both strings.

107. Write a program to check whether two lists point to the same memory address. If yes, print the last item of the second list, otherwise print the first item of the first list with address.

108. Write a program to check whether a string length > 3, middle character is vowel, and ASCII of first character is even. If true, print the previous character of middle character, otherwise if ASCII is odd, print string 3 times, else print string 5 times.

109. Ravi wants to buy a cello or red pen of cost 10. If pen is available in shop, he buys it, otherwise he leaves the shop.

110. Write a program to perform operations on a list. If the first and middle items are even, perform addition, otherwise perform subtraction.

111. Write a program to check whether the first item of two lists is an integer. If yes, concatenate the lists, otherwise print their memory addresses.