

PROGRAMS:

- 1.WAP TO CHECK WHETHER NUMBER IS POSITIVE OR NOT.
- 2.WAP TO CHECK WHETHER THE PERSON IS ELIGIBLE TO MARRY OR NOT.
- 3.WAP TO PRINT GOODMORNING WHEN THE NO IS 8.
- 4.WAP TO DISPLAY MESSAGE GOOD MORNING WHEN NUMBER IS 8 AND NUMBER EQUALS TO 10 AND NUMBER EQUALS TO 11.
- 5.WRITE ONE PROGRAM FOR NESTED IF,else if Ladder->IN CLASS
- 6.WAP TO PRINT NUMBER BETWEEN 1 TO 10.->IN CLASS
- 7.WAP TO PRINT NUMBER B/W 20 TO 10.
- 8.WAP TO PRINT EVEN NO B/W 1 TO 10.
- 9.WAP TO PRINT ODD NO B/W 1 TO 10.
- 10.WAP TO PRINT EVEN NO B/W 19 TO 9.
- 11.WAP TO PRINT ODD NO B/W 20 TO 10.
- 12.WAP TO CALCULATE SUM OF NUMBER B/W 1 TO 5.->IN CLASS.
- 13.WAP TO CALCULATE SUM OF EVEN NO B/W 1 TO 10 WITH TRACING.
- 14.WAPT PRINT SUM OF ODD NO B/W 1 TO 10 WITH TRACING.
- 15.WAP TO PRINT SUM OF EVEN NO B/W 20 TO 10.
- 16.WAP TO PRINT SUM OF ODD NO B/W 35 TO 11.
- 17.WAP TO PRINT EACH DIGIT IN A NUMBER(IN REVERSE ORDER).->IN CLASS
- 18.WAP TO PRINT EVEN DIGITS IN A NUMBER.
- 19.WAP TO PRINT ODD DIGITS IN A NUMBER.
- 20.WAP TO CALCULATE SUM OF ALL DIGITS IN A NUMBER.
- 21.WAP TO CALCULATE SUM OF EVEN DIGITS IN A NUMBER.
- 22.WAP TO CALCULATE SUM OF ODD DIGITS IN A NUMBER.
- 23.WAP TO FIND LOGIC FOR SWAPPING OF TWO NUMBER.->IN CLASS
- 24.WAP TO SWAP TWO NUMBERS WITHOUT USING TEMP VARIABLE.->IN CLASS

- 25.WAP TO COUNT HOW MANY DIGITS ARE PRESENT IN A NUMBER.->IN CLASS
- 26.WAP TO COUNT EVEN DIGITS IN A NUMBER.
- 27.WAP TO COUNT ODD DIGITS IN A NUMBER.
- 28.WAP TO REVERSE THE NUMBER.->IN CLASS
- 29.WAP TO CHECK WHETHER THE NUMBER IS PALINDROME OR NOT.->IN CLASS
- 30.WAP TO PRINT PALINDROME NUMBER B/W 10 TO 200.
- 31.WAP TO CALCULATE POWER OF A NUMBER.->IN CLASS
- 32.WAP TO CALCULATE SQUARE OF THE DIGIT IN A NUMBER.IF THE DIGIT IS EVEN THEN ONLY FIND THE SQUARE.
- 33.WAP TO CALCULATE CUBE OF EVERY DIGIT IF DIGIT IS ODD IN A NUMBER.
- 34.CALCULATE THE SUM OF SQUARE OF EACH DIGIT IF DIGIT IS EVEN IN A NUMBER.
- 35.CALCULATE SUM OF CUBE OF EACH DIGIT IF DIGIT IS ODD.
- 36.WAP TO PRINT DIVISORS OF 10.->IN CLASS
- 37.WAP TO PRINT THE NO B/W 1 TO 30 WHICH IS DIVISIBLE BY 3 AND 9.
- 38.WAP TO PRINT THE NO B/W 1 TO 100 WHICH IS DIVISIBLE BY ONLY 9.
- 39.WAP TO PRINT THE NO B/W 1 TO 20 WHICH IS DIVISIBLE BY 2 AND 4.
- 40.WAP TO CALCULATE SUM OF ALL THE NOS WHICH IS PRESENT IN 20 TO 60 AND NO SHOULD BE DIVISIBLE BY ONLY 11.
- 41.CHECK WHETHER THE NO IS PERFECT NO OR NOT.->IN CLASS
- 42.WRITE TRACING FOR PERFECT NO 28 AND 6.
- 43.WAP TO CALCULATE FACTORIAL OF A NUMBER.->IN CLASS
- 44.WAP TO EXTRACT THE DIGIT IN A NO IF THE DIGIT IS EVEN THEN FIND FACTORIAL.
- 45.WAP TO CALCULATE FACTORIAL IF THE DIGIT IS ODD IN A NUMBER.
- 46.TRACING FOR FACTORIAL PROGRAM 4,6.
- 47.WAP TO CALCULATE SUM OF FACTORIAL OF ODD DIGIT IN A NUMBER.
- 48.WAP TO CALCULATE SUM OF FACTORIAL OF EVEN DIGITS IN A NUMBER.

49.WAP TO CREATE A METHOD TO PERFORM ADDITION OF TWO NOS THEN INSIDE THE MAIN METHOD CHECK THE ADDITION OF TWO NOS IS EVEN OR ODD.->IN CLASS

50.DESIGN A METHOD TO CALCULATE FACTORIAL OF A NUMBER AND RETURN FACTORIAL.->IN CLASS

51. DESIGN A METHOD TO RETURN SQUARE OF THE NO.

52.DESIGN A METHOD TO RETURN POWER OF A NO.

53.DESIGN A METHOD TO CALCULATE ADDITION OF ALL DIGITS PRESENT IN A NUMBER AND RETURN THE SUM.

54.DESIGN A METHOD TO CALCULATE SUM OF EVEN DIGITS AND RETURN, INSIDE MAIN METHOD CALCULATE SQUARE OF RETURNING RESULT.

55.DESIGN A METHOD TO RETURN FACTORIAL OF EACH DIGIT IN A NUMBER.->IN CLASS

56.WAP TO DESIGN A METHOD TO RETURN FACTORIAL OF EACH DIGIT IN A NUMBER AND CALCULATE SUM.->IN CLASS

57.WAP TO CHECK NUMBER IS STRONG NUMBER OR NOT.->IN CLASS

58.WAP TO PRINT THE STRONG NUMBER B/W 1 TO 1000.

59.WAP TO CHECK SPECIAL TWO DIGIT NUMBER.->IN CLASS

60.WAP TO PRINT SPECIAL NO B/W 10 AND 100.

61.DESIGN A METHOD TO COUNT NO OF DIGITS IN A NUMBER.

62.WAP TO CHECK WHETHER NUMBER IS PRIME NO OR NOT.->IN CLASS

63.WAP TO PRINT PRIME NUMBER B/W 1 TO 50.

64.WAP TO PRINT FIBONACCI NUMBER SERIES UPTO 10 DIGITS.->IN CLASS

-GENERATE FIBONACCI SERIES UPTO 50.

65.WAP TO CHECK NO IS ARMSTRONG NUMBER.->IN CLASS

-WAP TO PRINT ARMSTRONG NO IN 1 TO 1000.

PATTERN PROGRAMS:-

66.SYNTAX FOR PATTERN DRAWING.->IN CLASS

67.PRINT PATTERN B,C,X,A USING *->IN CLASS

68.PRINT PATTERN H,D,E,F,I,L,N,O,S,T,U,Z,M,Y,J,K,W,Q,P,R USING *.

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1	1
0 1	1 2
0 1 0	1 2 3
1 0 1 0	1 2 3 4
1 0 1 0 1	1 2 3 4 5

73.DRAW ALL TRIANGLE PATTERN USING NUMBERS.

74.DRAW TRIANGLE PATTERN USING CHARACTERS.->IN CLASS

A

B C

D E F

G H I J

K L M N O

75.DRAW ALL TYPES OF TRIANGLE PATTERN USING CHARACTER.

Array-----

76.BASIC SYNTAX OF ARRAY, SYNTAX TO CREATE AN ARRAY.->IN CLASS

77.CREATE ARRAY TO STORE TEN DECIMAL VALUES AND DISPLAY IT.

78.WAP TO STORE RCB PLAYERS NAME IN AN ARRAY AND DISPLAY IT.

79.WAP TO PRINT ARRAY ELEMENTS IN REVERSE ORDER.->IN CLASS

80.WAP TO PRINT THE EVEN ARRAY ELEMENTS IN AN ARRAY.

81.WAP TO CALCULATE SUM OF ARRAY ELEMENTS.->IN CLASS

82.WAP TO PRINT ODD ELEMENTS IN AN ARRAY.

83.WAP TO CALCULATE SUM OF EVEN ELEMENTS IN AN ARRAY.

84.WAP TO CALCULATE SUM OF ODD ELEMENTS IN AN ARRAY.

85.DESIGN A METHOD TO CREATE AN INTEGER ARRAYAND TO READ INTEGER ELEMENTS.->IN CLASS

86.DESIGN A METHOD TO CREATE AN ARRAY AND READ ARRAYELEMENTS FROM THE USER AND RETURN IT.->IN CLASS

87.WAP TO CHECK ARRAYLENGTH WITHOUT USING LENGTH VARIABLE.

88.WAP TO FIND LARGEST ELEMENT IN AN ARRAY.->IN CLASS

89.WAP TO FIND THE SMALLEST VALUE IN AN ARRAY.

90.WAP TO PRINT EVEN INDEX VALUES IN AN ARRAY.->IN CLASS

91.WAP TO PRINT ODD INDEX VALUES.

- 92.WAP TO CALCULATE SUM OF EVEN INDEX VALUE.
- 93.WAP TO CALCULATE SUM OF ODD INDEX VALUES.
- 94.WAP TO FIND MAXIMUM ELEMENT IN EVEN INDEX VALUES.
- 95.WAP TO FIND MAXIMUM ELEMENT IN ODD INDEX VALUE.
- 96.WAP TO CALCULATE AVERAGE OF ALL ARRAY ELEMENTS.
- 97.WAP TO COPY THE ONE ARRAY ELEMENT INTO THE ANOTHER ARRAY.->IN CLASS
98. WAP TO COPY THE ARRAY ELEMENTS IN REVERSE ORDER AND PRINT IT.
- 99.WAP TO INSERT THE VALUE TO THE SPECIFIED INDEX FOR AN EXISTING ARRAY.->IN CLASS
- 100.WAP TO DELETE AN ELEMENT AN ELEMENT IN THE SPECIFIED INDEX, THE INDEX VALUE=3.
- 101.DESIGN A METHOD TO ACCEPT ARRAY AND INDEX VALUE.
- 102.AFTER READING BASED ON THE INDEX VALUE REMOVE THE ELEMENT PRESENT IN AN ARRAY AND RETURN THE REVISED ARRAY.
- 103.WAP TO SORT AN ARRAYELEMENT IN ASCENDING ORDER.->IN CLASS
- 104.WAP TO SORT AN ARRAYELEMENT IN DESCENDING ORDER.
- 105.WAP TO FIND THE SECOND LARGEST ELEMENT IN AN ARRAY.
- 106.CREATE A METHOD AND SORT ARRAYELEMENTS.->IN CLASS
- 107.WAP TO FIND THE SECOND SMALLEST ELEMENT IN AN ARRAY.
- 108.WAP TO DESIGN A METHOD TO RETURN SECOND LARGEST ELEMENT IN AN ARRAY.
- 109.WAP TO DESIGN A METHOD TO RETURN SMALLEST ELEMENT IN AN ARRAY.
- 110.WAP TO DESIGN A METHOD TO SORT ARRAY ELEMENTS IN DESCENDING ORDER.AND RETURN SORTED ARRAY.
- 111.WAP TO PRINT THE DUPLICATE ELEMENTS IN AN ARRAY.->IN CLASS
- 112.wap to remove duplicate elements in an array.
- 113.wap to find how many times the value is duplicated.
- 114.wap to print only first half of the arrayelements.
- 115.wap to find missing element in an array.

116.wap to calculate consecutive sum (first two and next two element sum) of the array element.->IN CLASS

117. wap to find the biggest consecutive sum in arrayin array element.

118.wap to sort first half in ascending order and second half in descending order.

119.wap for given input and show output as given below.->in class

i/p={3,6,7,9,5,11}

o/p={3,7,5,11}

120. wap for given input and show output as given below.

i/p={6,7,8,28,19}

o/p={6,28}

121.wap to show the count of numbers present in the array.->IN CLASS

String-----

122.what is String and how to create String.->IN CLASS

123.what is scp and why String is immutable.->IN CLASS

124.Difference in equals and ==.->IN CLASS

125.Methods of String class

charAt(),toUpperCase(),toLowerCase(),length(),trim(),toCharArray(),substring(),split(),equalsIgnoreCase()
)->IN CLASS

126.WAP TO COUNT THE CHARACTERS PRESENT IN STRINGWITHOUT USINGLENGTH().->IN CLASS

127.WAP TO CONVERT UPPERCASE TO LOWER CASE WITHOUT USING INBUILT METHOD.->IN CLASS

128.WAP TO CONVERT LOWER TO UPPERCASE WITHOUT USING INBUILT METHOD.

129.FIND THE DUPLICATE CHARACTER PRESENT IN THE STRING.

130.WAP TO FIND THE OCCURANCE OF EACH CHARACTER IN A STRING.

131.WAP TO REVERSE THE STRING.->IN CLASS

132.WAP TO CHECK WHETHER STRING IS PALINDROME OR NOT.

133.WAP TO REVERSE THE WORD IN A STRING.->IN CLASS

I/P=PRINCE IS GOOD SINGER

O/P=ECNIRP SI DOOG REGNIS.