



# GREENS TECHNOLOGIES

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## JAVASCRIPT TASKS – CONTROL STATEMENTS (CONDITIONAL + LOOPING) – DAY 4

### Topics:

#### 1. Conditional Statements

- if
- if-else
- if-else if Ladder
- switch

#### 2. Looping Statements

- for
  - while
  - do-while
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### Tasks:

1. Declare a mark and use an if statement to print “Eligible for Sports Team” if marks are above 75.
2. Declare a number and use if-else to check whether the number is positive or negative. Print the result.
3. Declare a customer age and use if-else to print “Adult Ticket” if age  $\geq$  18, otherwise print “Child Ticket”.
4. Declare a product price and use if-else to print “Discount Applicable” if price  $\geq$  1000, otherwise print “No Discount”.
5. Declare a subject mark and use if-else if ladder to print:

- Mark  $\geq 90 \rightarrow$  "Excellent"
- Mark  $\geq 70 \rightarrow$  "Good"
- Mark  $\geq 35 \rightarrow$  "Pass"
- Otherwise  $\rightarrow$  "Fail"

6. Declare a country name and use switch to print the continent it belongs to.

7 Write a loop that prints numbers from 1 to 10 using a for loop.

8. Declare a limit = 5 and use while loop to print "Hello" 5 times.

9. Using a do-while loop, print numbers from 10 down to 1 in descending order.

10. Use a for loop to calculate the total price of 5 movie tickets, each costing 150, and print the total.

11. Use a while loop to count the number of days until a festival (starting from day 1 to day 7) and print each day number.

12. Declare a number and use a loop + condition to print only even numbers between 1 and 20.

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