

main.c



Share

Run

Output

Clear

```
1  #include <stdio.h>
2
3  int main() {
4      int month;
5
6      month = 9;
7
8      switch (month) {
9          case 1:
10             printf("January - 31 days\n");
11             break;
12          case 2:
13             printf("February - 28 or 29 days\n");
14             break;
15          case 3:
16             printf("March - 31 days\n");
17             break;
18          case 4:
19             printf("April - 30 days\n");
20             break;
21          case 5:
22             printf("May - 31 days\n");
23             break;
24          case 6:
25             printf("June - 30 days\n");
26             break;
```

September - 30 days

=== Code Execution Successful ===

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Output

Clear

```
1  #include <stdio.h>
2
3  int main() {
4      float cp = 500, sp = 650, per;
5
6      if (sp > cp) {
7          per = ((sp - cp) / cp) * 100;
8          printf("Profit Percentage = %.2f%%\n", per);
9      }
10     else if (cp > sp) {
11         per = ((cp - sp) / cp) * 100;
12         printf("Loss Percentage = %.2f%%\n", per);
13     }
14     else {
15         printf("No Profit No Loss\n");
16     }
17
18     return 0;
19 }
20
```

Profit Percentage = 30.00%

=== Code Execution Successful ===

main.c



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Output

Clear

```
1  #include <stdio.h>
2
3  int main() {
4      int days, fine = 0;
5      days = 18;
6
7      if (days <= 5) {
8          fine = days * 2;
9          printf("Fine = ₹%d\n", fine);
10     }
11     else if (days <= 10) {
12         fine = (5 * 2) + (days - 5) * 4;
13         printf("Fine = ₹%d\n", fine);
14     }
15     else if (days <= 30) {
16         fine = (5 * 2) + (5 * 4) + (days - 10) * 6;
17         printf("Fine = ₹%d\n", fine);
18     }
19     else {
20         printf("Membership Cancelled\n");
21     }
22
23     return 0;
24 }
25
```

Fine = ₹78

=== Code Execution Successful ===

main.c



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Toggle dark mode

```
1  #include <stdio.h>
2
3  int main() {
4      int u = 250, b;
5      if(u<=100) b=u*5;
6      else if(u<=200) b=500+(u-100)*7;
7      else if(u<=300) b=1200+(u-200)*10;
8      else b=2200+(u-300)*12;
9      printf("Bill = ₹%d\n", b);
10     return 0;
11 }
12
```

Output

Clear

Bill = ₹1700

=== Code Execution Successful ===

main.c			Share	Run	Output	Clear
<pre>1 #include <stdio.h> 2 3 int main() { 4 int a = 20, b = 6; 5 char op = '%'; 6 int res; 7 8 switch(op) { 9 case '+': res = a + b; break; 10 case '-': res = a - b; break; 11 case '*': res = a * b; break; 12 case '/': res = a / b; break; 13 case '%': res = a % b; break; 14 default: printf("Invalid Operator\n"); return 0; 15 } 16 17 printf("%d %c %d = %d\n", a, op, b, res); 18 return 0; 19 }</pre>					<pre>20 % 6 = 2 === Code Execution Successful ===</pre>	

main.c



Share

Run

Output

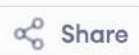
Clear

```
1  #include <stdio.h>
2
3  int main() {
4      int n = 10;
5      for(int i = 1; i <= n; i++) {
6          printf("%d ", i);
7      }
8      return 0;
9  }
10
```

1 2 3 4 5 6 7 8 9 10

=== Code Execution Successful ===

main.c



Share

Run

Output

Clear

```
1  #include <stdio.h>
2
3  int main() {
4      int n = 5, sum = 0;
5      for(int i = 1; i <= n; i++) {
6          sum += (2*i - 1);
7      }
8      printf("Sum of first %d odd numbers = %d\n", n, sum);
9      return 0;
10 }
11
```

Sum of first 5 odd numbers = 25

=== Code Execution Successful ===

main.c



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Run

```
1  #include <stdio.h>
2
3  int main() {
4      int n = 10, prod = 1;
5      for(int i = 2; i <= n; i += 2) {
6          prod *= i;
7      }
8      printf("Product of even numbers from 1 to %d = %d\n", n, prod);
9      return 0;
10 }
11
12
```

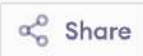
Output

Clear

Product of even numbers from 1 to 10 = 3840

=== Code Execution Successful ===

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Run

```
1 #include <stdio.h>
2
3 int main() {
4     int n = 5, fact = 1;
5     for(int i = 1; i <= n; i++) {
6         fact *= i;
7     }
8     printf("Factorial of %d = %d\n", n, fact);
9     return 0;
10 }
11
```

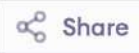
Output

Clear

Factorial of 5 = 120

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Output

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```
1  #include <stdio.h>
2
3  int main() {
4      int n = 1234, rev = 0;
5      while(n > 0) {
6          rev = rev * 10 + n % 10;
7          n /= 10;
8      }
9      printf("Reversed Number = %d\n", rev);
10     return 0;
11 }
12
```

Reversed Number = 4321

=== Code Execution Successful ===