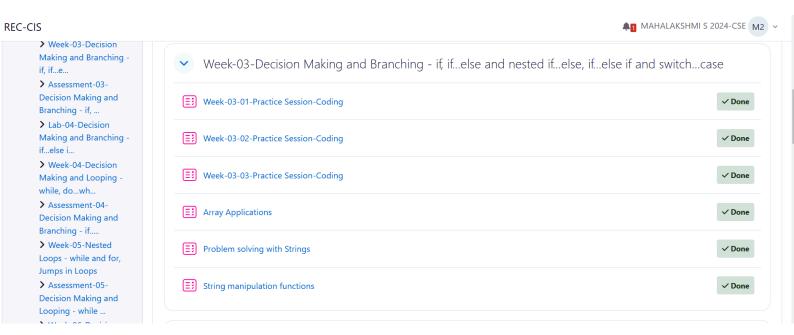
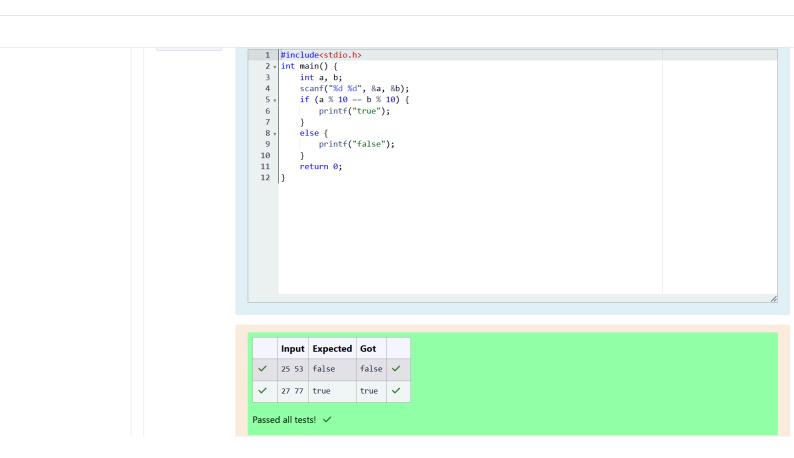
WEEK - 3

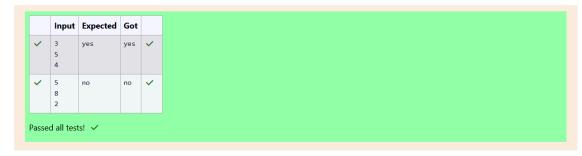


Practice session 1



```
1 #include<stdio.h>
     int main() {
 3
         int n;
         scanf("%d", &n);
if(n % 2 != 0) {
   printf("Weird");
 4
         else if((n >= 2) && (n <= 5) && ((n % 2) == 0)){
 9
            printf("Not Weird");
10
11 •
         else if((n >= 6) && (n <=20) && ((n % 2) == 0)){
         printf("Weird");
12
13
         else if((n > 20) && (n % 2 == 0)) {
    printf("Not Weird");
14 🔻
15
16
17
         return 0;
18 }
```

		Expected		
~	3	Weird	Weird	~
~	24	Not Weird	Not Weird	~
assed	d all tes	ts! 🗸		



Practice Session 2

```
#include<stdio.h>
 1
 2 v int main() {
 3
        int n;
        scanf("%d", &n);
 4
 5 🔻
        if(n>10){
            printf("The number of sides is not supported.");
 6
 7
 8 *
        switch (n) {
 9
            case 3:
            printf("Triangle");
10
11
            break;
12
            case 4:
            printf("Quadilateral");
13
14
            break;
15
            case 5:
            printf("Pentagon");
16
17
            break;
18
            case 6:
            printf("Hexagon");
19
20
            break;
21
            case 7:
            printf("Heptagon");
22
23
            break;
24
            case 8:
            printf("Octagon");
25
26
            break;
27
            case 9:
28
            printf("Nonagon");
29
            break;
            case 10:
30
            printf("Decagon");
31
32
            break;
33
34
        return 0;
35 }
```

	Input	Expected	Got	
~	3	Triangle	Triangle	~
~	7	Heptagon	Heptagon	~
~	11	The number of sides is not supported.	The number of sides is not supported.	~

Passed all tests! 🗸

```
#include<stdio.h>
 2 v
    int main() {
 3
        int year, ans;
        scanf("%d", &year);
 4
 5
        ans = year \% 12;
 6 *
        switch(ans){
 7
             case 8:
             printf("Dragon");
 8
9
             break;
10
             case 9:
             printf("Snake");
11
12
             break;
13
             case 10:
             printf("Horse");
14
15
             break;
16
             case 11:
             printf("Sheep");
17
18
             break;
19
             case 0:
20
             printf("Monkey");
21
             break;
22
             case 1:
             printf("Rooster");
23
24
             break;
25
             case 2:
             printf("Dog");
26
27
             break;
28
             case 3:
29
             printf("Pig");
30
             break;
             case 4:
31
             printf("Rat");
32
33
             break;
34
             case 5:
             printf("0x");
35
36
             break;
37
             case 6:
             printf("Tiger");
38
39
             break;
             case 7:
40
             printf("Hare");
41
42
             break;
43
        }
```

```
44 return 0;
45 }
```

	Input	Expected	Got	
~	2004	Monkey	Monkey	~
~	2010	Tiger	Tiger	~

Passed all tests! 🗸

```
1 #include<stdio.h>
 2 v int main() {
        char ch; int a;
 3
        scanf("%c %d", &ch, &a);
       int r = a + ch;
 5
       if(r % 2 == 0) {
 6 •
 7
           printf("The square is black.");
 8
        }
9 🔻
        else {
       printf("The square is white.");
10
11
12
       return 0;
13 }
```

	Input	Expected	Got	
~	a 1	The square is black.	The square is black.	~
~	d 5	The square is white.	The square is white.	~

Passed all tests! <

Practice Session 3

```
#include<stdio.h>
   int main(){
 2 •
 3
         int d, m, y;
        scanf("%d %d %d", &d, &m, &y);
 4
         switch(m-1){
 5 🔻
 6
             case 11:
             d = d + 30;
 7
             case 10:
 8
 9
             d = d + 31;
10
             case 9:
             d = d + 30;
11
             case 8:
12
             d = d + 31;
13
             case 7:
14
15
             d = d + 31;
16
             case 6:
            d = d + 30;
17
             case 5:
18
            d = d + 31;
19
             case 4:
20
21
             d = d + 30;
22
             case 3:
23
             d = d + 31;
24
             case 2:
             if(((y \% 4 == 0) \&\& (y \% 100 != 0)) || (y \% 400 == 0)){}
25 *
26
                 d = d + 29;
             }
27
28 •
             else{
29
                d = d + 28;
             }
30
31
             case 1:
32
             d = d + 31;
33
        printf("%d", d);
34
35
        return 0;
36 }
```

	Input	Expected	Got	
~	18	170	170	~
	6			
	2020			

Passed all tests! <

```
#include<stdio.h>
 2 v int main(){
 3
        char shape; int 1, b;
        scanf("%c\n%d\n%d", &shape, &1, &b);
 4
        switch(shape){
 5 ▼
            case 'R':
 6
            printf("%d", (1 * b));
 7
 8
            break;
9
            case 'S':
            printf("%d", (1 * b /2));
10
11
            break;
12
            case 'T':
            printf("%d", (1 * b));
13
14
            break;
15
            default:
16
            printf("0");
            break;
17
18
        return 0;
19
20
   }
```

	Input	Expected	Got	
~	T 10 20	200	200	~
~	S 30 40	600	600	~
~	B 2 11	0	0	>
~	R 10 30	300	300	~
~	S 40 50	1000	1000	~

Passed all tests! <

```
#include<stdio.h>
 2 v int main(){
 3
        int n,day,days;
        scanf("%d",&n);
 4
 5
        day=n%296;
 6
        days=day%10;
        switch(days+1){
 7 🔻
 8
            case 1:
9
            printf("Sunday");
10
            break;
11
            case 2:
            printf("Monday");
12
13
            break;
14
            case 3:
            printf("Tuesday");
15
16
            break;
17
            case 4:
            printf("Wednesday");
18
            break;
19
20
            case 5:
            printf("Thursday");
21
22
            break;
23
            case 6:
24
            printf("Friday");
25
            break;
26
            case 7:
27
            printf("Saturday");
            break;
28
29
            case 8:
30
            printf("Kryptonday");
31
            break;
32
            case 9:
            printf("Coluday");
33
34
            break;
35
            case 10:
            printf("Daxamday");
36
37
            break;
38
39
        return 0;
40 }
```

	Input	Expected	Got	
~	7	Kryptonday	Kryptonday	~
~	1	Monday	Monday	~

Passed all tests! 🗸