

```

1 #include<stdio.h>
2 int main()
3 {
4     char c;
5     int n,m,area;
6     scanf("%c%d%d",&c,&n,&m);
7     if(c=='T')
8     {
9         area=n*m;
10        printf("%d",area);
11    }
12    else if(c=='S')
13    {
14        area=n*m*0.5;
15        printf("%d",area);
16    }
17    else if(c=='R')
18    {
19        area=n*m;
20        printf("%d",area);
21    }
22    else
23    {
24        printf("0");
25    }
26    return 0;
27 }

```

	Input	Expected	Got	
✓	T 10 20	200	200	✓
✓	S 30 40	600	600	✓

	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! ✓

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

Example: If 698 and 768 are given, program should print true as they both end with 8. Sample Input 1 25 53 Sample Output 1 false  
Sample Input 2 27 77 Sample Output 2 true

**Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int n1,n2,m1,m2;
6     scanf("%d%d",&n1,&n2);
7     m1=n1%10;
8     m2=n2%10;
9     m1==m2?(printf("true")):(printf("false"));
10    return 0;
11 }
```

	Input	Expected	Got	
✓	25 53	false	false	✓
✓	27 77	true	true	✓

Passed all tests! ✓

```

1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int n;
6     scanf("%d",&n);
7     if(n%2==0)
8     {
9         if(n>=2&&n<=5)
10        {
11            printf("Not Weird");
12        }
13        else if(n>=6&&n<=20)
14        {
15            printf("Weird");
16        }
17        else if(n>20)
18        {
19            printf("Not Weird");
20        }
21    }
22    else
23    {
24        printf("Weird");
25    }
26    return 0;
27 }

```

	Input	Expected	Got	
✓	3	Weird	Weird	✓
✓	24	Not Weird	Not Weird	✓

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int n1,n2,n3,m1,m2,m3;
6     scanf("%d%d%d",&n1,&n2,&n3);
7     m1=n1*n1;
8     m2=n2*n2;
9     m3=n3*n3;
10    if(m1==m2+m3 || m2==m1+m3 || m3==m1+m2)
11    {
12        printf("yes");
13    }
14    else
15    {
16        printf("no");
17    }
18    return 0;
19 }
```

	Input	Expected	Got	
✓	3 5 4	yes	yes	✓
✓	5 8 2	no	no	✓

Passed all tests! ✓

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     if(n==3)
7     {
8         printf("Triangle");
9     }
10    else if(n==4)
11    {
12        printf("Square");
13    }
14    else if(n==5)
15    {
16        printf("Pentagon");
17    }
18    else if(n==6)
19    {
20        printf("Hexagon");
21    }
22    else if(n==7)
23    {
24        printf("Heptagon");
25    }
26    else if(n==8)
27    {
28        printf("Ocatagon");
29    }
30    else if(n==9)
31    {
32        printf("Nonagon");
33    }
34    else if(n==10)
35    {
36        printf("Decagon");
37    }
38    else
39    {
40        printf("The number of sides is not supported.");
```



```

24     break;
25     case 5:
26     printf("Friday");
27     break;
28     case 6:
29     printf("Saturday");
30     break;
31     case 7:
32     printf("Kryptonday");
33     break;
34     case 8:
35     printf("Coluday");
36     break;
37     case 9:
38     printf("Daxamday");
39     break;
40 }
41 return 0;
42 }

```

	Input	Expected	Got	
✓	7	Kryptonday	Kryptonday	✓
✓	1	Monday	Monday	✓

Passed all tests! ✓



```
39 {  
40     printf("The number of sides is not supported.");  
41 }  
42 return 0;  
43 }
```

	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! ✓

```

1  #include<stdio.h>
2  int main()
3  {
4      int year;
5      scanf("%d",&year);
6      int animal = (year-2000) % 12;
7      const char *animals[] = {"Dragon","Snake","Horse","Sheep","Monkey","Rooster","Dog","Pig","Rat"},
8      printf("%s\n",animals[animal]);
9      return 0;
10 }

```

	Input	Expected	Got	
✓	2004	Monkey	Monkey	✓
✓	2010	Tiger	Tiger	✓

Passed all tests! ✓

```

1 #include<stdio.h>
2 int main()
3 {
4     char c;
5     int r;
6     scanf("%c %d",&c,&r);
7     if((c=='a' || c=='c' || c=='e' || c=='g') && (r%2==1))
8     {
9         printf("The square is black.");
10    }
11    else if((c=='b' || c=='d' || c=='f' || c=='h') && (r%2==0))
12    {
13        printf("The square is black.");
14    }
15    else
16    {
17        printf("The square is white.");
18    }
19    return 0;
20 }

```

	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! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int d,m,y,d_of_y;
6     int d_in_m[]={31,28,31,30,31,30,31,31,30,31,30,31};
7     scanf("%d%d%d",&d,&m,&y);
8     if(y%4==0 && (y%100!=0 || y%400==0))
9     {
10         d_in_m[1]=29;
11     }
12     for (int i=0;i<m-1;i++)
13     {
14         d_of_y+=d_in_m[i];
15     }
16     d_of_y+=d;
17     printf("%d",d_of_y);
18     return 0;
19 }
```

	Input	Expected	Got	
✓	18 6 2020	170	170	✓

Passed all tests! ✓