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

```c
#include<stdio.h>
int main()
{
    int a,b;
    scanf("%d %d", &a, &b);
    if((a%10)==(b%10))
    {
        printf("true");
    }
    else
    {
        printf("false");
    }
    return 0;
}
```

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

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d", &n);
    if(n%2==1 && n>1 && n<100)
    {
        printf("Weird");
    }
    else
    {
        if(n>=2 && n<=5)
        {
            printf("Not Weird");
        }
        else if(n>=6 && n<=20)
        {
            printf("Weird");
        }
        else if(n>20 && n<100)
        {
            printf("Not Weird");
        }
    }
    return 0;
}
```

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

Passed all tests! ✓

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

```c
#include<stdio.h>
int main()
{
    int a,b,c;
    scanf("%d %d %d", &a,&b,&c);
    if(((a*a)+(b*b))==(c*c))
    {
        printf("yes");
    }
    else if(((b*b)+(c*c))==(a*a))
    {
        printf("yes");
    }
    else if(((c*c)+(a*a))==(b*b))
    {
        printf("yes");
    }
    else
    {
        printf("no");
    }
    return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | 3<br>5<br>4 | yes | yes | ✓ |
| ✓ | 5<br>8<br>2 | no | no | ✓ |

Passed all tests! ✓

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

```c
#include<stdio.h>
int main()
{
    int n;
    scanf("%d", &n);
    switch(n)
    {
        case 3:
        printf("Triangle");
        break;
        case 4:
        printf("Quadrilateral");
        break;
        case 5:
        printf("Pentagon");
        break;
        case 6:
        printf("Hexagon");
        break;
        case 7:
        printf("Heptagon");
        break;
        case 8:
        printf("Octagon");
        break;
        case 9:
        printf("Nanogon");
        break;
        case 10:
        printf("Decagon");
        break;
        default:
        printf("The number of sides is not supported.");
    }
    return 0;
}
```

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

Your code failed one or more hidden tests.
Your code must pass all tests to earn any marks. Try again.

```c
#include<stdio.h>
int main()
{
    int a,b;
    scanf("%d", &a);
    b=(a-2000)%12;
    switch(b)
    {
        case 0:
        printf("Dragon");
        break;
        case 1:
        printf("Snake");
        break;
        case 2:
        printf("Horse");
        break;
        case 3:
        printf("Sheep");
        break;
        case 4:
        printf("Monkey");
        break;
        case 5:
        printf("Rooster");
        break;
        case 6:
        printf("Dog");
        break;
        case 7:
        printf("Pig");
        break;
        case 8:
        printf("Rat");
        break;
        case 9:
        printf("Ox");
        break;
        case 10:
        printf("Tiger");
        break;
        case 11:
        printf("Hare");
        break;
    }
    return 0;
}
```

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

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

```c
#include<stdio.h>
int main()
{
    int m,n;
    char ch;
    scanf("%c %d", &ch,&n);
    m = n+ch;
    if(m%2==0)
    {
        printf("The square is black.");
    }
    else
    {
        printf("The square is white.");
    }
    return 0;
}
```

| | 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! ✓

```c
#include<stdio.h>
int main()
{
    int d,m,y,doy=0;
    int dim[12]={31,28,31,30,31,30,31,31,30,31,30,31};
    scanf("%d %d %d", &d, &m, &y);
    if((y%4==0 && y%100)==0 || (y%400==0))
    {
        dim[1]=29;
    }
    for(int i=0;i<m-1;i++)
    {
        doy+=dim[i];
    }
    doy+=d+1;
    printf("%d",doy);
    return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | 18<br>6<br>2020 | 170 | 170 | ✓ |

Passed all tests! ✓

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

```c
#include<stdio.h>
int main()
{
    int x,y,A;
    char sh;
    scanf("%c %d %d", &sh, &x, &y);
    switch(sh)
    {
        case 'R':
        A=x*y;
        break;
        case 'S':
        A = (x*y)/2;
        break;
        case 'T':
        A=(x*y);
        break;
        default:
        A=0;
    }
    printf("%d",A);
    return 0;
}
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✓ | T<br>10<br>20 | 200 | 200 | ✓ |
| ✓ | S<br>30<br>40 | 600 | 600 | ✓ |
| ✓ | B<br>2<br>11 | 0 | 0 | ✓ |
| ✓ | R<br>10<br>30 | 300 | 300 | ✓ |
| ✓ | S<br>40<br>50 | 1000 | 1000 | ✓ |

Passed all tests! ✓

```c
#include<stdio.h>
int main()
{
    int day;
    scanf("%d", &day);
    switch(day)
    {
        case 0:
        printf("Sunday");
        break;
        case 1:
        printf("Monday");
        break;
        case 2:
        printf("Tuesday");
        break;
        case 3:
        printf("Wednesday");
        break;
        case 4:
        printf("Thursday");
        break;
        case 5:
        printf("Friday");
        break;
        case 6:
        printf("Saturday");
        break;
        case 7:
        printf("Kryptonday");
        break;
        case 8:
        printf("Coluday");
        break;
        case 9:
        printf("Daxamday");
        break;
    }
    return 0;
}
```

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

Your code failed one or more hidden tests.
Your code must pass all tests to earn any marks. Try again.