

Write a program to read two integer values and print true if both the numbers end with the same digit, otherwise print false.  
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 int main()
3 {
4     int x,y;
5     scanf("%d %d",&x,&y);
6     int x1=x%10;
7     int y1=y%10;
8     if(x1==y1)
9     {
10         printf("true\n");
11     }
12     else{
13         printf("false\n");
14     }
15     return 0;
16 }
```

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

```

1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     if(n%2==0)
7     {
8         if(n>=2 && n<=5)
9         {
10             printf("Not Weird");
11         }
12
13         else if(n>=6 && n<=20)
14         {
15             printf("Weird");
16         }
17         else
18         {
19             printf("Not Weird");
20         }
21     }
22     else
23     {
24         printf("Weird");
25     }
26
27     return 0;
28 }

```

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

```

1  #include<stdio.h>
2  int main()
3  {
4      int a,b,c;
5      scanf("%d",&a);
6      scanf("%d",&b);
7      scanf("%d",&c);
8      if((a*a)+(b*b)==(c*c))
9      {
10         printf("yes\n");
11     }
12
13     else if((a*a)+(c*c)==(b*b))
14     {
15         printf("yes\n");
16     }
17
18     else if((b*b)+(c*c)==(a*a))
19     {
20         printf("yes\n");
21     }
22
23     else
24     {
25         printf("no\n");
26     }
27     return 0;
28 }

```

	Input	Expected	Got	
✓	3	yes	yes	✓
	5			
	4			

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     char ch;
5     int n;
6     scanf("%c %d", &ch,&n);
7     if(ch=='a' || ch=='c' || ch=='e' || ch=='g')
8     {
9         if(n%2==0)
10        {
11            printf("The square is white.");
12        }
13        else{
14            printf("The square is black.");
15        }
16    }
17    else if(ch=='b' || ch=='d' || ch=='f' || ch=='h')
18    {
19        if(n%2==0)
20        {
21            printf("The square is black.");
22        }
23        else{
24            printf("The square is white.");
25        }
26    }
27    return 0;
28 }
```

```

12     printf("The square is white.");
13 }
14
15 else{
16     printf("The square is black.");
17 }
18 }
19 }
20 else if(ch=='b' || ch=='d' || ch=='f' || ch=='h')
21 {
22     if(n%2==0)
23     {
24         printf("The square is black.");
25     }
26     else{
27         printf("The square is white.");
28     }
29 }
30 return 0;
31 }

```

	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! ✓



```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     scanf("%d",&n);
6     switch(n)
7     {
8         case 3:
9             printf("Triangle");
10            break;
11
12            case 4:
13                printf("Square");
14                break;
15
16            case 5:
17                printf("Pentagon");
18                break;
19
20            case 6:
21                printf("Hexagon");
22                break;
23
24            case 7:
25                printf("Heptagon");
26                break;
27
28            case 8:
29                printf("Octagon");
30                break;
31
32            case 9:
33                printf("Nonagon");
34                break;
35
36            case 10:
37                printf("Decagon");
38                break;
39
40            default:
```

```

40 default:
41 printf("The number of sides is not supported.");
42 break;
43 }
44 return 0;
45 }

```

	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 y,diff=0;
5     scanf("%d",&y);
6     diff=((y-2000)%12);
7     switch(diff)
8     {
9         case 0:
10            printf("Dragon");
11            break;
12
13         case 1:
14            printf("Snake");
15            break;
16
17         case 2:
18            printf("Horse");
19            break;
20
21         case 3:
22            printf("Sheep");
23            break;
24
25         case 4:
26            printf("Monkey");
27            break;
28
29         case 5:
30            printf("Roaster");
31            break;
32
33         case 6:
34            printf("Dog");
35            break;
36
37         case 7:
38            printf("Pig");
```

```

39     break;
40
41     case 8:
42     printf("Rat");
43     break;
44
45     case 9:
46     printf("Ox");
47     break;
48
49     case 10:
50     printf("Tiger");
51     break;
52
53     case 11:
54     printf("Horse");
55     break;
56 }
57 return 0;
58
59 }

```

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

Passed all tests! ✓

Write a program to read two integer values and print true if both the numbers end with the same digit, otherwise print false.  
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