Week 3-01

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 b

Answer: (penalty regime: 0 %)

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

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

Passed all tests! ✓

Answer: (penalty regime: 0 %)

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

       else if(n>=6 || n<=20)
       {
           printf("Weird");
       }

       else if(n>20)
       {
           printf("Not Weird");
       }
    }
    else
    {
        printf("Weird");
    }

}
```

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

Passed all tests! ✓

Three numbers form a Pythagorean triple if the sum of squares of two numbers is equal to the square of the third. For example, 3, 5 and 4 form a Pythagorean triple, since 3*3 + 4*4 = 25 = 5*5 You are given three integers, a, b
Input 1 3 5 4 Sample Output 1 yes Sample Input 2 5 8 2 Sample Output 2 no

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 || b*b == a*a + c*c || c*c == a*a + b*b )
    {
        printf("yes");
    }
    else
    {
        printf("no");
    }

}
```

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

Passed all tests! ✓