Program on if else statement

Program – 1

```c
#include <stdio.h>

int main()
{
    int n=40,m=20;

if(n==m)

{

printf("n and m are equal.");

}

    else

{
printf("n and m are not equal ");

        }

}
```

Out Put Screen

n and m are not equal

Program – 2

```c
#include <stdio.h>

int main(){
    int num;

    printf("Enter a number you want to check.\n");

    scanf("%d",&num);

    if((num%2)==0)         //checking whether remainder is 0 or not.

        printf("%d is even.",num);
```

```c
    else
        printf("%d is odd.",num);
    return 0;
}
```

Out Put Screen 1

Enter a number you want to check.

25

25 is odd.

Out Put Screen 2

Enter a number you want to check.

2

2 is even.

Program – 3

```c
#include <stdio.h>

int main ()
{
/* local variable definition */

int a = 100;

/* check the boolean condition */

if( a < 20 )
{
/* if condition is true then print the following */

printf("a is less than 20\n" );
}
Else
{
```

```c
/* if condition is false then print the following */

printf("a is not less than 20\n" );

}

printf("value of a is : %d\n", a);

return 0;

}
```

Out Put Screen

a is not less than 20;

value of a is : 100

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