Write a program to identify if the number is Palindrome or not

Description

Get a number as input from the user and check whether that number is a Palindrome or not.

Input

121

Output

Palindrome

Input

34

Output

Not a Palindrome

C Program

```c
#include <stdio.h>
int main()
{
  int  num,rem,rev=0,copy;
  printf("Enter a number: ");
  scanf("%d",&num);
  copy=num;
  while(num!=0)
  {
    rem=num%10;
    rev=rev*10+rem;
    num=num/10;
  }
  if(rev==copy)
```

```
    printf("Palindrome number");

    else

    printf("Not a Palindrome number");

    return 0;

}
```

C++ Program

```cpp
#include <iostream>

using namespace std;

int main()

{

    int  num,rem,rev=0,copy;

    cout<<"Enter a number: ";

    cin>>num;

    copy=num;

    while(num!=0)

    {

        rem=num%10;

        rev=rev*10+rem;

        num=num/10;

    }

    if(rev==copy)

    cout<<"Palindrome number";

    else

    cout<<"Not a Palindrome number";

    return 0;

}
```

Java Program

```java
import java.util.Scanner;

public class Main
{
        public static void main(String[] args) {
                Scanner sc=new Scanner(System.in);
                System.out.println("Enter a number");
                int num=sc.nextInt();
                int rem,rev=0;
                int copy=num;
    while(num!=0)
    {
      rem=num%10;
      rev=rev*10+rem;
      num=num/10;
    }
  if(rev==copy)
  System.out.println("Palindrome number");
  else
  System.out.println("Not a Palindrome number");

        }
}
```

Python

```python
num=int(input("Enter a number: "))
rem=0
rev=0
copy=num
while num!=0:
```

```
    rem=num%10

    rev=rev*10+rem

    num=num//10
if(copy==rev):

    print("Palindrome")
else:

    print("Not a palindrome")
```