 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
Sem : 5	Name : Pushti Depani	
Day : 7	Date : 24/10/2022	Enrollment No: 92000133018

CP Club 365Days Challenge

Date – 24/10/2022

Programming language – C++

Problem Statement

- i) Check whether the number is palindrome numbers or not

Example:

Input – 111

Output – 111 is palindrome number

Input – 152

Output – 152 is not palindrome number

- ii) Find the Fibonacci series

Example:

Input – 10

Output - 0, 1, 1, 2, 3, 5, 8, 13, 21, 34


Input – 5

Output – 0, 1, 1, 2, 3

Your Code:

```
i)
#include <iostream>
using namespace std;
```

```
int main()
{
    int n, a, i, j = 0;
```

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```
cout << "Enter number: ";
cin >> a;
```

```
n = a;
```

```
while(a > 0)
{
    i = a % 10;
    j = (j * 10) + i;
    a = a / 10;
}
```


```
if (n == j)
    cout << " The number is a palindrome.";
else
    cout << " The number is not a palindrome.";
```

```
return 0;
```

```
}
```

```
ii)
```

```
#include <iostream>
using namespace std;
int main() {
    int a=0,b=1,c,num;
    cout<<"Enter the number: ";
    cin>>num;
    cout<<a<<" "<<b<<" ";
    for(int i=2;i<num;++i)
    {
```

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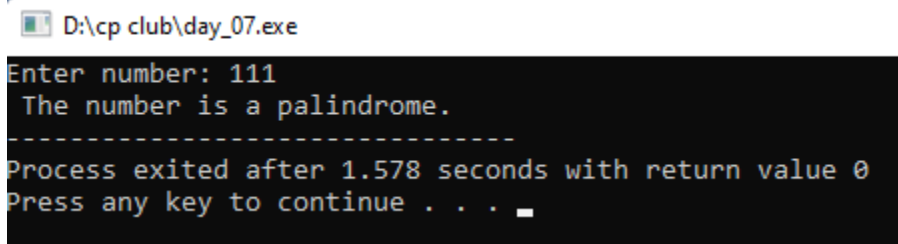
```

c=a+b;
cout<<c<<" ";
a=b;
b=c;
}
return 0;
}

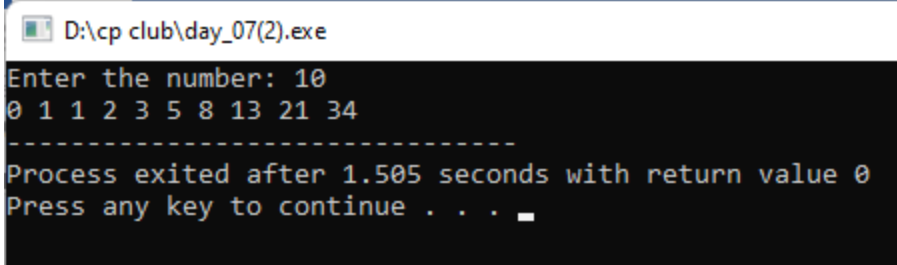
```

Output (Screen Shot):

i)




ii)



Understanding about problem:

From this experiment I have learned about how to use condition to find the palindrome number and also how to find the fibbonaci series. Using simple looping condition we can find this.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

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ALL THE BEST

Team CP Club