

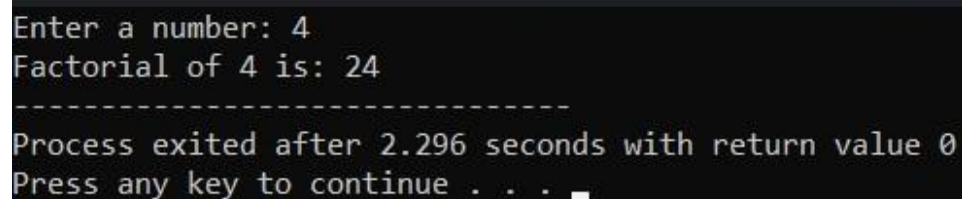
#### 4.FIBONACCI WITHOUT USING RECURSION:-

Code:-

```
#include<stdio.h>

int main ()
{
    int n1=0,n2=1,n3,i,number;
    printf("Enter the number of elements:");
    scanf("%d",&number);
    printf("\n%d %d",n1,n2);
    for(i=2;i<number;++i)
    {
        n3=n1+n2;
        printf(" %d",n3);
        n1=n2;
        n2=n3;
    }
    return 0;
}return 0;
}
```

OUTPUT:-



```
Enter a number: 4
Factorial of 4 is: 24
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Process exited after 2.296 seconds with return value 0
Press any key to continue . . .
```