(1)

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Fibonacci Numbers

```
#include <stdio.h>
int main(){
int n;
printf("Enter a Numbers:");
scanf("%d", &n);
int F[n+1];
F[0] =0;
F[1] =1;
int i;
for (i=2; i<=n; i++)
F[i] =F(i-2) +F[i-1];
printf("Fibonacci numbers: %d\n", F[n]);
return 0;
}
```

Last Fibonacci Number

```
#include <stdio.h>
int main ()
{
int n;
printf ("Enter a Number:");
scanf ("%d", &n);
int F [n+1];
F [0] = 0;
F [1] = 1;
int i;
For (i=2; i<=n; i++)
F [i] = F [i-2] + F [i-1];
printf ("Fibonacci number: %d\n", F [n]);
return 0;
}
```

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```
#include<stdio.h>

int get_fibonacci_last_digit(long long n) {
int first = 0;
int second = 1;

int res;
int i;

for (i = 2; i <= n; i++) {
  res = (first + second) % 10;
  first = second;
  second = res;

}
return res;
}
int main() {
    int n;
    scanf("%d", &n);
    int c = get_fibonacci_last_digit(n);
    printf("Last Number: %d", c);

return 0;
}
```

LCM

```
#include<stdio.h>
int main(){
  int n1, n2, min;
  printf("Enter two positive integers:");
  scanf("%d%d", &n1, &n2);
  min = (n1 > n2) ? n1 : n2;
  while(1){
    if(min%n1==0 && min%n2==0){
      printf("The LCM of %d and %d is %d", n1, n2, min);
      break;
    }
    ++min;
  }
  return 0;
}
```