```
1                int result , final_val;
2                printf("피보나치 수열의 항의 개수를 입력하세요 : ");
3                scanf("%d",&final_val);
4                result = fib(final_val);
(gdb) n
12               printf("피보나치 수열의 항의 개수를 입력하세요 : ");
(gdb) n
13               scanf("%d",&final_val);
(gdb)
피보나치 수열의 항의 개수를 입력하세요 : 6
14               result = fib(final_val);
(gdb) s
fib (num=6) at fib.c:4
4                if(num ==1 || num ==2)
(gdb) s
7                        return fib(num-1)+fib(num -2);
(gdb) bt
#0  fib (num=6) at fib.c:7
#1  0x0000000000400680 in main () at fib.c:14
(gdb) s
fib (num=5) at fib.c:4
4                if(num ==1 || num ==2)
(gdb) bt
#0  fib (num=5) at fib.c:4
#1  0x0000000000400622 in fib (num=6) at fib.c:7
#2  0x0000000000400680 in main () at fib.c:14
(gdb) s
7                        return fib(num-1)+fib(num -2);
(gdb) s
fib (num=4) at fib.c:4
4                if(num ==1 || num ==2)
(gdb) bt
#0  fib (num=4) at fib.c:4
#1  0x0000000000400622 in fib (num=5) at fib.c:7
#2  0x0000000000400622 in fib (num=6) at fib.c:7
```

```
yoosunglee@yoosunglee-Z20NH-AS51B5U: ~/Homework/sanghoonlee/h
#0  fib (num=4) at fib.c:4
#1  0x0000000000400622 in fib (num=5) at fib.c:7
#2  0x0000000000400622 in fib (num=6) at fib.c:7
#3  0x0000000000400680 in main () at fib.c:14
(gdb) s
7                       return fib(num-1)+fib(num -2);
(gdb) s
fib (num=3) at fib.c:4
4                       if(num ==1 || num ==2)
(gdb) bt
#0  fib (num=3) at fib.c:4
#1  0x0000000000400622 in fib (num=4) at fib.c:7
#2  0x0000000000400622 in fib (num=5) at fib.c:7
#3  0x0000000000400622 in fib (num=6) at fib.c:7
#4  0x0000000000400680 in main () at fib.c:14
(gdb) s
7                       return fib(num-1)+fib(num -2);
(gdb) s
fib (num=2) at fib.c:4
4                       if(num ==1 || num ==2)
(gdb) bt
#0  fib (num=2) at fib.c:4
#1  0x0000000000400622 in fib (num=3) at fib.c:7
#2  0x0000000000400622 in fib (num=4) at fib.c:7
#3  0x0000000000400622 in fib (num=5) at fib.c:7
#4  0x0000000000400622 in fib (num=6) at fib.c:7
#5  0x0000000000400680 in main () at fib.c:14
(gdb) s
5                       return 1;
(gdb) finish
Run till exit from #0  fib (num=2) at fib.c:5
0x0000000000400622 in fib (num=3) at fib.c:7
7                       return fib(num-1)+fib(num -2);
Value returned is $1 = 1
(gdb) p/x $rax
```

스팸에말탐

```
yoosunglee@yoosunglee-Z20NH-AS51B5U: ~/Homework/sangh
7                              return fib(num-1)+fib(num -2);
Value returned is $1 = 1
(gdb) p/x $rax
$2 = 0x1
(gdb) s
fib (num=1) at fib.c:4
4                  if(num ==1 || num ==2)
(gdb) s
5                        return 1;
(gdb) finish
Run till exit from #0  fib (num=1) at fib.c:5
0x0000000000400631 in fib (num=3) at fib.c:7
7                        return fib(num-1)+fib(num -2);
Value returned is $3 = 1
(gdb) s
8        }
(gdb) finish
Run till exit from #0  fib (num=3) at fib.c:8
0x0000000000400622 in fib (num=4) at fib.c:7
7                        return fib(num-1)+fib(num -2);
Value returned is $4 = 2
(gdb) s
fib (num=2) at fib.c:4
4                  if(num ==1 || num ==2)
(gdb) s
5                        return 1;
(gdb) finish
Run till exit from #0  fib (num=2) at fib.c:5
0x0000000000400631 in fib (num=4) at fib.c:7
7                        return fib(num-1)+fib(num -2);
Value returned is $5 = 1
(gdb) finish
Run till exit from #0  0x0000000000400631 in fib (num=4) at fib.c:7
0x0000000000400622 in fib (num=5) at fib.c:7
7                        return fib(num-1)+fib(num -2);
```

```
yoosunglee@yoosunglee-Z20NH-AS51B5U: ~/Homework/sang
0x0000000000400631 in fib (num=4) at fib.c:7
7                            return fib(num-1)+fib(num -2);
Value returned is $5 = 1
(gdb) finish
Run till exit from #0   0x0000000000400631 in fib (num=4) at
0x0000000000400622 in fib (num=5) at fib.c:7
7                            return fib(num-1)+fib(num -2);
Value returned is $6 = 3
(gdb) s
fib (num=3) at fib.c:4
4                    if(num ==1 || num ==2)
(gdb) s
7
(gdb) s                      return fib(num-1)+fib(num -2);
fib (num=2) at fib.c:4
4                    if(num ==1 || num ==2)
(gdb) s
5
(gdb) finish                 return 1;
Run till exit from #0  fib (num=2) at fib.c:5
0x0000000000400622 in fib (num=3) at fib.c:7
7                            return fib(num-1)+fib(num -2);
Value returned is $7 = 1
(gdb) s
fib (num=1) at fib.c:4
4                    if(num ==1 || num ==2)
(gdb) s
5
(gdb) finish                 return 1;
Run till exit from #0  fib (num=1) at fib.c:5
0x0000000000400631 in fib (num=3) at fib.c:7
7                            return fib(num-1)+fib(num -2);
Value returned is $8 = 1
(gdb) s
8            }
```

스왑메일앞

```
yoosunglee@yoosunglee-Z20NH-AS51B5U: ~/Homework/sar
Value returned is $8 = 1
(gdb) s
8        }
(gdb) s
8        }
(gdb) finish
Run till exit from #0  fib (num=5) at fib.c:8
0x0000000000400622 in fib (num=6) at fib.c:7
7               return fib(num-1)+fib(num -2);
Value returned is $9 = 5
(gdb) s
fib (num=4) at fib.c:4
4               if(num ==1 || num ==2)
(gdb) s
7               return fib(num-1)+fib(num -2);
(gdb) bt
#0  fib (num=4) at fib.c:7
#1  0x0000000000400631 in fib (num=6) at fib.c:7
#2  0x0000000000400680 in main () at fib.c:14
(gdb) s
fib (num=3) at fib.c:4
4               if(num ==1 || num ==2)
(gdb) s
7               return fib(num-1)+fib(num -2);
(gdb) bt
#0  fib (num=3) at fib.c:7
#1  0x0000000000400622 in fib (num=4) at fib.c:7
#2  0x0000000000400631 in fib (num=6) at fib.c:7
#3  0x0000000000400680 in main () at fib.c:14
(gdb) s
fib (num=2) at fib.c:4
4               if(num ==1 || num ==2)
(gdb) s
5               return 1;
(gdb) finish
```

```
yoosunglee@yoosunglee-Z20NH-AS51B5U: ~/Homework/sa
(gdb) s
5                        return 1;
(gdb) finish
Run till exit from #0  fib (num=2) at fib.c:5
0x0000000000400622 in fib (num=3) at fib.c:7
7                    return fib(num-1)+fib(num -2);
Value returned is $10 = 1
(gdb) s
fib (num=1) at fib.c:4
4                    if(num ==1 || num ==2)
(gdb) finish
Run till exit from #0  fib (num=1) at fib.c:4
0x0000000000400631 in fib (num=3) at fib.c:7
7                    return fib(num-1)+fib(num -2);
Value returned is $11 = 1
(gdb) p/x $rax
$12 = 0x1
(gdb) s
8        }
(gdb) finish
Run till exit from #0  fib (num=3) at fib.c:8
0x0000000000400622 in fib (num=4) at fib.c:7
7                    return fib(num-1)+fib(num -2);
Value returned is $13 = 2
(gdb) s
fib (num=2) at fib.c:4
4                    if(num ==1 || num ==2)
(gdb) finish
Run till exit from #0  fib (num=2) at fib.c:4
0x0000000000400631 in fib (num=4) at fib.c:7
7                    return fib(num-1)+fib(num -2);
Value returned is $14 = 1
(gdb) bt
#0  0x0000000000400631 in fib (num=4) at fib.c:7
#1  0x0000000000400631 in fib (num=6) at fib.c:7
```

스웜메일함

```
$12 = 0x1
(gdb) s
8        }
(gdb) finish
Run till exit from #0  fib (num=3) at fib.c:8
0x0000000000400622 in fib (num=4) at fib.c:7
7                         return fib(num-1)+fib(num
Value returned is $13 = 2
(gdb) s
fib (num=2) at fib.c:4
4                if(num ==1 || num ==2)
(gdb) finish
Run till exit from #0  fib (num=2) at fib.c:4
0x0000000000400631 in fib (num=4) at fib.c:7
7                         return fib(num-1)+fib(num -2
Value returned is $14 = 1
(gdb) bt
#0  0x0000000000400631 in fib (num=4) at fib.c:7
#1  0x0000000000400631 in fib (num=6) at fib.c:7
#2  0x0000000000400680 in main () at fib.c:14
(gdb) s
8        }
(gdb) finish
Run till exit from #0  fib (num=4) at fib.c:8
0x0000000000400631 in fib (num=6) at fib.c:7
7                         return fib(num-1)+fib(num -2);
Value returned is $15 = 3
(gdb) s
8        }
(gdb) bt
#0  fib (num=6) at fib.c:8
#1  0x0000000000400680 in main () at fib.c:14
(gdb) p/x $rax
$16 = 0x8
(gdb)
```