

POINTER1.CPP source

```
01: /*
02:  * Program to create two pointers initialised with
03:  * two numbers and find their average.
04:  */
05:
06: #include <iostream>
07: using namespace std;
08:
09: int main() {
10:     int* m = new int(24);
11:     int* n = new int(32);
12:
13:     int* avg = new int(0);
14:     cout<<"value of m:"<<*m<<endl;
15:     cout<<"value of n:"<<*n<<endl;
16:
17:     *avg = (*m+*n)/2;
18:     cout<<"average:"<<*avg<<endl;
19:
20:     return 0;
21:
22: }
23:
24:
```

POINTER1.CPP output

```
1: value of m:24  
2: value of n:32  
3: average:28  
4:
```