```c
1: #include <stdio.h>
2: #include <stdlib.h>
3:
4: //V2.5 using getNumber() and reusable sum()
5: int getNumber(void);
6: int sum(int n1,int n2);
7:
8: int num1,num2,num3,num4,result;
9:
10: int main(int argc, char *argv[]) {
11:     printf("Program Add2Numbers Version2\n");
12:     num1=getNumber();
13:     num2=getNumber();
14: //  result = num1+num2;
15:     result=sum(num1,num2);
16: //  printf("result=%d",result);
17:     printf("%d + %d = %d\n\n",num1,num2,result);
18:
19:     num3=getNumber();
20:     num4=getNumber();
21:     result = sum(num3,num4);
22:     printf("%d + %d = %d\n",num3,num4,result);
23:
24:     return 0;
25: }
26:
27: int sum(int n1,int n2){
28:     int sum;
29:     sum = n1+n2;
30:     return sum;
31: }
32:
33: ////V2.4        using getNumber() and sum()
34: //int getNumber(void);
35: //void sum(void);
36: //
37: //int num1,num2,result;
```

```
38: //
39: //int main(int argc, char *argv[]) {
40: //  printf("Program Add2Numbers Version2\n");
41: //  num1=getNumber();
42: //  num2=getNumber();
43: ////    result = num1+num2;
44: //  sum();
45: ////     printf("result=%d",result);
46: //  printf("%d + %d = %d",num1,num2,result);
47: //  return 0;
48: //}
49: //
50: //void sum(void){
51: //  int result;
52: //  result = num1+num2;
53: //  return result;
54: //}
55:
56: //V2.3     using getNumber() to create an
    experssion and pass it as argument to printf
57: //int getNumber(void);
58: //
59: ////int num1,num2;
60: //
61: //int main(int argc, char *argv[]) {
62: //  printf("Program Add2Numbers Version2\n");
63: //  printf("sum is %d",getNumber()+getNumber());
64: //  return 0;
65: //}
66:
67: //V2.2
68: //int getNumber(void);
69: //
70: //int num1,num2;
71: //
72: //int main(int argc, char *argv[]) {
73: //  printf("Program Add2Numbers Version2\n");
```

```c
74: //  num1=getNumber();
75: //  num2=getNumber();
76: //  printf("%d + %d = %d",num1,num2,num1+num2);
77: //  return 0;
78: //}
79:
80: //V2.1        using getNumber() in assigmenent
    statement
81: //int getNumber(void);
82: //
83: //int num1,num2,result;
84: //
85: //int main(int argc, char *argv[]) {
86: //  printf("Program Add2Numbers Version2\n");
87: //  num1=getNumber();
88: //  num2=getNumber();
89: //  result = num1+num2;
90: ////    printf("result=%d",result);
91: //  printf("%d + %d = %d",num1,num2,result);
92: //  return 0;
93: //}
94:
95: int getNumber(void){
96:     int num;
97:     printf("Dose arithmo:");
98:     scanf("%d",&num);
99:     return num;
100: }
```