

```
1  main function=a3;
2
3  function a1(input x)
4  begin
5      var x,myvar,a2,a5;
6
7      x = 1;
8      myvar = 2;
9
10     while (i<=x) do
11     begin
12         y=y*i;
13         i=i+1;
14     end;
15
16     output myvar;
17 end
18
19 function a2(input x)
20 begin
21     var rrr,temp;
22
23     temp = x-1;
24     temp2 = 3;
25
26     rrr=a1(x) + a1(temp);
27
28     output rrr;
29 end
30
31 function a3(input empty)
32 begin
33     var a;
34
35     a = 0;
36     a2(a);
37
38     output a;
39 end
```