```
1:
2:
           [* This test file should contain no errors. *]
          $$
[* declarations *]
int base, power;
int count, total;
 3:
  4:
  6:
  7:
          [* assignments *]
count = 0;
total = 0;
 8:
 9:
10:
11:
12:
          [* input *]
          get(base);
13:
14:
           get(power);
15:
          [* calculation *]
while(count < power){
   total = total*base;
   count = count + 1;
}whileend</pre>
16:
17:
18:
19:
20:
21:
          [* output *]
put(total);
$$
22:
24:
```