Quiz 4

1 ▪ main()
```
  { int num=0;
   while(num<=2)
   { num++;
     printf("%d\n",num);}
  }
```
1
2
3

2 ▪ main()
```
  { int i,s=0;
     do
     {   s+=i*2+1;
         printf("i=%d,s=%d\n",i,s);
         i++;} while(s<10);
     }
```
i=0, s=1
i=1, s=4
i=2, s=9
i=3, s=16

3 ▪
```
       #include <stdio.h>
       main()
       { int i,m=1;
          for(i=5;i>=1;i--)
           {
                   m=(m+1)*2;
                   printf("m=%d\n",m);
           }
       }
```
m=4
m=10
m=22
m=46 m=94

4 ▪ 指出下面三个程序的功能，当输入为："quert?"时，它们的执行结果是什么？

(1)
```
    #include <stdio.h>

     main()
      { char c;
         c=getchar();
         while (c!='?')
            {   putchar(c); c=getchar();}
      }
```
quert

(2)
```
       #include <stdio.h>

       main()
        { char c;
           while ((c=getchar())!='?')
              putchar(++c);
        }
```
rvfsu

(3)
```
    #include <stdio.h>

     main()
      { while (putchar(getchar())!='?');
      }
```
quert?

```
5· main()
  { int i;
     for(i=1;i<=5;i++)
       { if(i%2)
             putchar('<');
          else
             continue;
          putchar('>');
        }
      putchar('#');
  }


7· main()
   { int i=1;
     while (i<=15)
     if (++i%3!=2) continue;
     else printf("%d    ",i);
     printf("\n");
   }
```

```
6· main()
  { int a,b;
     for(a=1,b=1;a<=100;a++)
     { if(b>10) break;
        if(b%3==1)
            { b+=3; continue;}
     }
     printf("a=%d\n",a);
  }


8· void main()
  { int i,j;
     for(i=0;i<=3;i++)
       { for(j=0;j<=i;j++)
             printf("(%d,%d),",i,j);
          printf("\n");
       }
  }
```