

1. The following C statements are part of a C program. Write down the output.

```
a. int x=3,y=3,z;
   z=x++ > y ? 6:7;
   printf("x=%d z=%d\n",x,z);
   while(x+y < 9)
   {
       x++;
       y +=2;
   }
   z = y%4+x;
   printf("x=%d y=%d z=%d\n",x,y,z);
```

```
-----
x=      z=
x=      y=      z=
-----
```

```
b. int a=3,b=4,c;
   c=a+b/a*a*a;
   printf("c=%d\n",c);
```

```
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c=
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```

```
c. int s=0,n;
   for(n=1;n<=20;n *=3)
   {
       if(n%3 == 0)
       {
           continue;
       }
       n++;
       s +=n;
   }
   printf("s=%d n=%d\n",s,n);
```

```
-----
s=      n=
-----
```

