

COMPUTERR APPLICATION
CLASS IX & X

Find the output of the following program segments:

```
Q1 class Sample1
{
public static void main(String args[])
{
int x=100;
while(x!=0)
{
System.out.println(x);
if(x%6==0)
break;
x--;}}
```

Ans:

100
99
98
97
96

```
Q2 class Sample2
{
public static void main(String args[])
{
int a=1;
while(true){
System.out.println(++a);
if(a%5==0)break;
}}
```

Ans:

2
3
4
5

```
Q3 class Sample3{
public static void main(String args[]) {
int i=0;
while(++i<=10)
{
if(i%2==0)
continue;
System.out.println(i);
}}
```

Ans: 1

3
5
7
9

Q4 class Sample4

```
{  
public static void main(String args[])  
{  
    char ch='z';  
    do{  
        System.out.println(--ch);  
        if(ch%3==0)  
            break;  
    }  
    while(ch>='a');  
}  
}
```

Ans:

y

x

Q5 class Sample5

```
{  
public static void main(String args[])  
{  
    for(int x=2;;x+=2)  
    {  
        System.out.println(++x);  
        if(x==6)  
            break;  
    }  
}}
```

Ans:

3

6

Q6 class Sample6

```
{  
public static void main(String args[])  
{  
    for(int i=3;i>=1;i--)  
    {  
        for(int j=i;j>=1;j--)  
            System.out.print(j);  
            System.out.println();  
    }  
}}
```

Ans:

321

21

1

Q7. class Sample7

```
{
public static void main(String args[])
{
int m=100;
if(m%10==0)
if(m%2==0)
if(m<100)
System.out.println(m++);
else
System.out.println(--m);
}}
```

Ans: 99

Q8 class Sample8

```
{
public static void main(String args[])
{
int p=2,q=4;
p=(p+q)%2==0?p%q:q%p;
System.out.println("p="+p+"\tq="+q);
}}
```

Ans: p=2 q=4

Q9 class Sample9

```
{
public static void main(String args[])
{
for(int k=5;k<=50;k=k+10)
{
if(k%2==0)
continue;
System.out.println(k);
}}}
```

Ans:

5
15
25
35
45

Q10 class Sample10

```
{
public static void main(String args[])
{
String s="EXAM";
for(int a=0;a<s.length();a++)
{
char c=s.charAt(a);
System.out.print(++c);
}}}
```

Ans: FYBN

Q11 class Sample11

```
{
public static void main(String args[])
{
    int x=10;
    while(x<20)
    {
        if(++x%5==0)
            continue;
        x++;
    }
    System.out.println(x);
}}
```

Ans: 20

Q12 class Sample12

```
{
public static void main(String args[])
{
    int a,b;a=10;b=90;
    int r=0;
    if(a>10| |b>10)
        r=a*2;
    else
        r=b*3;
    System.out.println(r);  }}
```

Ans: 20

Q13 class Sample13

```
{
public static void main(String args[])
{int r=0;
for(int i=50;i>=0;i=i-5)
    r=r+i;
System.out.println("r="+r);
}}
```

Ans: r=275

Q14 class Sample14

```
{
public static void main(String args[])
{
for(int i=4;i<=5;i++)
{
for(int j=3;j<i;j++)
{
System.out.print("@");
}
System.out.println("CNMS");
}}}

```

Ans:

@CNMS

@@CNMS

Q15 class Sample15

```
{
public static void main(String args[])
{
int a=10,b=20;
System.out.println(" "+a+b);
System.out.println(a+b);
}}

```

Ans:

1020

30