```
1. void main()
int x = 1, y = 0, z = 5;
int a = x && y || z++;
printf("%d", z);
}

2. void main()
{
int x = 1, y = 0, z = 5;
int a = x && y && z++;
printf("%d", z);
}


3. int main()
{
int x = 1, y = 0, z = 3;
x > y ? printf("%d", z) : return z;
}


}

4.int main()
{
int i = 0, j = 0;
if (i && (j = i + 10))
//do something
;
}

5. int main()
{
int i = 10, j = 0;
if (i || (j = i + 10))
//do something
;
}

6. int main()
{
int i = 1;
if (i++ && (i == 1))
        printf("Yes\n");
```

```
else
        printf("No\n");
}

7. int main()
{
int a = 10, b = 5, c = 5;
int d;
d = b + c == a;
printf("%d", d);
}

8. int main()
{
        int a = 10, b = 5, c = 3;
        b != !a;
        c = !!a;
        printf("%d\t%d", b, c);
}

9. int main()
{
int a = 10;
if (a == a--)
        printf("TRUE 1\t");
        a = 10;
if (a == --a)
        printf("TRUE 2\t");
}

10.void main()
{
double ch;
printf("enter a value btw 1 to 2:");
scanf("%lf", &ch);
switch (ch)
{
case 1:
        printf("1");
        break;
case 2:
        printf("2");
        break;
}
```

```
}

11. void main()
 {
 char *ch;
 printf("enter a value btw 1 to 3:");
 scanf("%s", ch);
 switch (ch)
 {
 case "1":
        printf("1");
        break;
 case "2":
        printf("2");
        break;
 }
 }

12.void main()
 {
 int ch;
 printf("enter a value btw 1 to 2:");
 scanf("%d", &ch);
 switch (ch)
 {
 case 1:
        printf("1\n");
 default:
        printf("2\n");
 }
 }

13. void main()
  {
  int ch;
  printf("\n Welcome To");
  printf("enter a value btw 1 to 4:");
  scanf("%d", &ch);
  switch (ch)
  {
  case 1:
        printf("\n WiMC");
        break;
  case 2:
```

```
        printf("\t\t WiMC");
        break;
  case 3:
        printf("\rWiMC");
        break;
  case 4:
        printf("\b\bWiMC");
        break;
  }
 }

 14. int main()
 {
 int a = 1, b = 1;
 switch (a)
 {
 case a*b:
         printf("yes ");
 case a-b:
        printf("no\n");
        break;
 }
 }

 15.int main()
 {
 int x = 97;
 switch (x)
 {
 case 'a':
         printf("yes ");
         break;
 case 97:
         printf("no\n");
         break;
 }
 }

16.int main()
{
 float f = 1;
 switch (f)
 {
  case 1.0:
```

```
         printf("yes\n");
         break;
  default:
        printf("default\n");
 }
}
```

17.

```
  int main()
  {
    int ch;
    printf("enter a value ");
    scanf("%d", &ch);
    if(ch>=65 && ch<=90)
       printf("%c",ch);
    else if (ch==10 || ch==13 || ch==8 || ch=9)
       printf("\n Char%cAsciiValue=%d",ch,ch);//???? find
which character it prints observe ouput
  }
```

18.

```
  int main()
  {
    fprintf(stdout,"hello-out");
    return 0;
}
```

19.

```
int main()
{
        float f=0.0f;
        int i;

        for(i=0;i<10;i++)
                f = f + 0.1f;

        if(f == 1.0f)
                printf("f is 1.0 \n");
        else
                printf("f is NOT 1.0\n");

        return 0;
}
```

20. Observe difference

```
   int main()
   {
```

```
      char ch;
      ch=getch();
      printf("\n %c",ch);
      ch=getchar();
      printf("\n %c",ch);
      ch=getche();
      printf("\n %c",ch);
   }

21. int main()
    {
      int num_1;
      char ch;
      printf("%d",enter number");
      scanf("%d",&num_1);
      printf("%d",enter number");
      scanf("%c",&ch);
     }
 //now try this......
int main()
    {
      int num_1;
      char ch;
      printf("%d",enter number");
      scanf("%d",&num_1);
      printf("%d",enter number");
      fflush(stdin);
      scanf("%c",&ch);
     }

22. int main()
   {
    int num_1=760;
    printf("\n num_1== %%c= %c",num_1); //which character u
find ???
    printf("\n num_1== %%d= %d",num_1); //which value u find
???
    printf("\n num_1== %%x= %x",num_1); //which value u find
???
    printf("\n num_1== %%o= %o",num_1); //which value u find
???
    printf("\n num_1== %%u= %u",num_1-761); //which value u
find ???
    printf("\n num_1== %%u= %d",num_1-761); //which value u
```

find ???
}

23.

```
int main()
{
   int num_1=65;
   float f_num=4.5;
   char ch='A';
   printf("\n num_1 size=%d",sizeof(num_1));
   printf("\n f_num size=%d",sizeof(f_num));
   printf("\n sizeof(ch)%d
sizeof('A')",sizeof(ch),sizeof('A'));
   printf("\n sizeof(++num_1)=%d",sizeof(++num_1));
   printf("\n num_1=%d",num_1);
}
```