Pseudocode

1. What will be the output of the Pseudocode?

```
#include <stdio.h>
Void main ()
{
   int a =100;
   printf ("%0 %x",a);
}
```

Sol:- %x

2.

```
# include <stdio.h>
int main () {
   float m= 0.0;
   long int n=10;
   printf ("%d", sizeof(m) == sizeof(m+n));
   return 0;
   }
```

Sol:- 0 (Zero)

3.

```
# include <stdio.h>
int main()
{
int any = ' ' + 10;
printf ("%d", any);
return 0;
}
```

Sol:- 320

4.
```
# include <stdio.h>
int main()
{
int tell = 5.0, sd = 1*10;
do {
    sd | = tell ;
} while (tell --);
printf ("-1.d\n" , sd);
return 0;
}
```

Sol:- Floating point exception

5.
```
# include <stdio.h>
int main
{
int b = 80 ;
char a = (char)b;
int i = sizeof (a);
printf ("-1.d", i);
}
```

Sol. 1

6.
```
# include <stdio.h>
int main ()
{
printf ("-1.f", main);
return 0;
}
```

Sol. 0.000000

7. 1. Read the value of N
2. Set m = 1, T = 0
3. If m > N
4. Go to line No. 9
5. Else
6. T = T + m
7. m = m + 1
8. Go to line no. 3
9. Display the value of T
10. Stop.

Ans:- 25.

8.

```
#include <stdio.h>
int main()
{
    int a, b;
    a = 5
    b = 25;
    for (int i = 0; i<5; i++)
    {
      if (i%2 == 0)
      ++a;
      else
      ++b;
    }
    printf("%d %d", a, b);
}
```

What is the value of b at the end of the Program?

Ans. 18 27.

Q. What will be the output of the following algorithm for Num = 10 ?

```
#include <stdio.h>
int main()
{
    float i;
    i = 1;
    printf("%d", i);
    return 0;
}
```

Sol: Garbage Value