**1. Predict the output for the following program**

#include<stdio.h>

int main()

{

unsigned int num = -4;

printf("%d", ~num);

return 0;

}

[**A. Compilation error**](javascript:void(0);)

[**B. 3**](javascript:void(0);)

[**C. 4**](javascript:void(0);)

[**D. some garbage value**](javascript:void(0);)

**2. Predict the output for the following program**

#include<stdio.h>

int main()

{

int x = 2;

(x & 1) ? printf("true") : printf("false");

return 0;

}

[**A. Compilation error**](javascript:void(0);)

[**B. true**](javascript:void(0);)

[**C. false**](javascript:void(0);)

[**D. Runtime error**](javascript:void(0);)

3.**Predict the output for the following program**

#include<stdio.h>

int main()

{

int i = 1, j = 1;

for(--i && j++ ; i<10; i+=2)

{

printf("loop ");

}

return 0;

}

[**A. Compilation error**](javascript:void(0);)

[**B. Program never ends**](javascript:void(0);)

[**C. loop loop loop loop loop**](javascript:void(0);)

[**D. None of the above**](javascript:void(0);)

**4.** What will be the output of the C program, if input is **9**?

#include<stdio.h>

int main()

{

int i;

for(i = 0; i>9; i+=3)

{

printf("for ");

}

return 0;

}

[**A. Nothing prints**](javascript:void(0);)

[**B. for**](javascript:void(0);)

[**C. for for for**](javascript:void(0);)

[**D. None of the above**](javascript:void(0);)

5. %lf is used to display which datatype?

a) float

b) long float

c) double

d) int