**Task1:**Point out the Syntax and Semantic errors in the code snippet, and debug

1. Point out the Semantic errors in the code snippet #include <stdio.h>

int main()

{

a = 10;

printf("The value of a is : %d", a); return 0;

}

1. Point out the Syntax errors in the code snippet: #include <stdio.h>

int main()

{

int a=2;

if(.) // syntax error

printf("a is greater than 1"); return 0;

}

1. Point out the Syntax errors in the code snippet #include <stdio.h>

int main()

{

int a=2; int b=2/0;

printf("The value of b is : %d", b); return 0;

}

1. Find the output of the code int main()

{

int x=1,y=5; printf(“%d”,++(x+y); return 0;

}

1. Find the output of the code int main()

{

int a=2,b=3,c=3; a=b==c; printf(“a=%d”,a); return 0;

}

Output:

Program finished with exit code 0**.**

1. Find the output of the code int main()

{

int i=9;

for(i--;i--;i--); printf("%d",i); return 0;

}

1. Find the output of the code int main()

{

int i; for(i=5;++i;i-+3) printf("%d",i); return 0;

}

Run time error