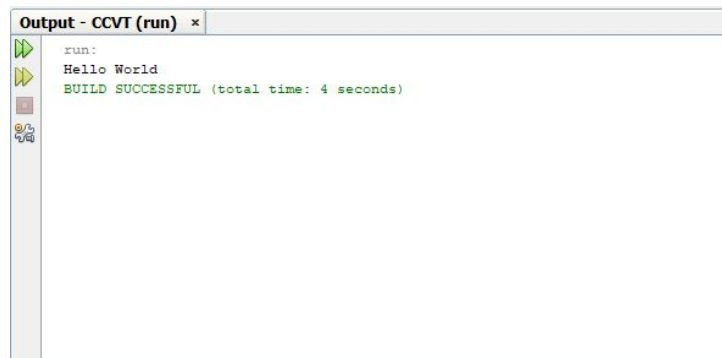# EXPERIMENT - 1

Q1) Write a program to print Hello World
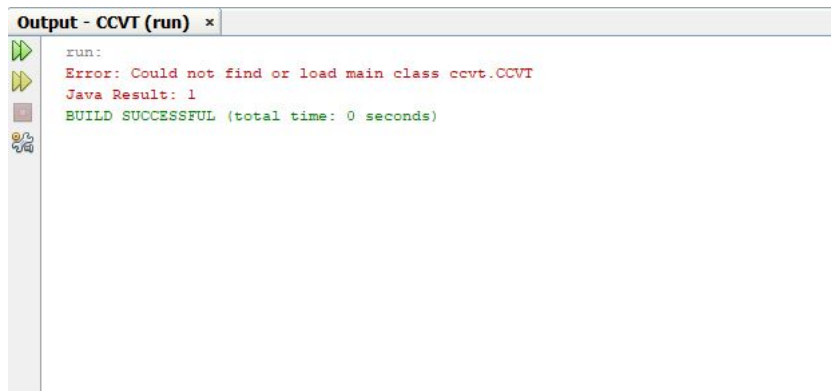
Code

```
public class CCVT
{
public static void main(String[] args)
{
System.out.println("Hello");
}
}
```

```
Output - CCVT (run)  ×
    run:
    Hello World
    BUILD SUCCESSFUL (total time: 4 seconds)
```

Q2) Write a program to understand public and default access modifier class.

Code

```
class CCVT
{
public static void main(String[] args)
{
System.out.println("Hello World");
}
}
```
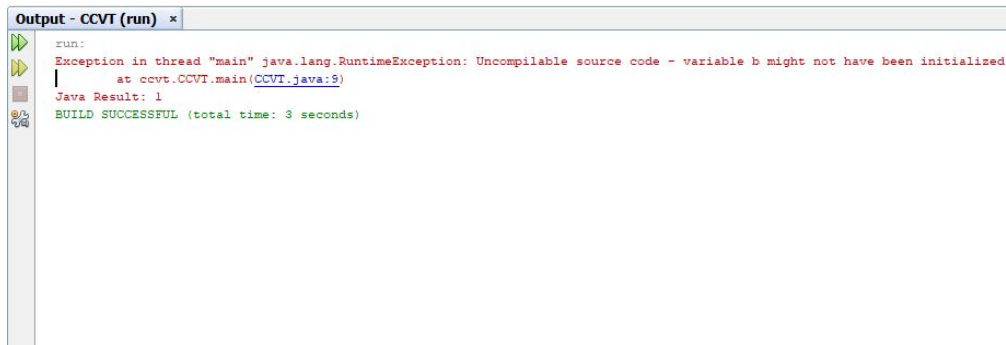
```
Output - CCVT (run)  ×
    run:
    Error: Could not find or load main class ccvt.CCVT
    Java Result: 1
    BUILD SUCCESSFUL (total time: 0 seconds)
```

Q3) Write a program to understand local and instance variable initialization.

a) When the values of the variables have not been initialized

Code

```
public class CCVT
{
 int a;
public static void main(String [] args)
{
CCVT  z= new CCVT();
int b,c;
System.out.println(b+c);
System.out.println(z.a);
}}
```

```
Output - CCVT (run)  ×
run:
Exception in thread "main" java.lang.RuntimeException: Uncompilable source code - variable b might not have been initialized
        at ccvt.CCVT.main(CCVT.java:9)
Java Result: 1
BUILD SUCCESSFUL (total time: 3 seconds)
```

b) When the values of the variables have been initialized

Code

```
public class CCVT
{
int a;
public static void main(String [] args)
{
CCVT z= new CCVT();
int b=1,c=10;
System.out.println(b+c);
System.out.println(z.a);
}}
```

```
Output - CCVT (run)  ×
run:
11
0
BUILD SUCCESSFUL (total time: 0 seconds)
```