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Course:	Operating System (BSSE)
Section:	5-2

LAB 05

Task 01:

Step 1:

Step 2:

Step 3:

Task 02:

Step 1:

```
sufyanahmed@55766:~/Downloads/lab05$ touch oddEvenChecker.c
sufyanahmed@55766:~/Downloads/lab05$
```

Step 2:

```
sufyanahmed@55766:~/Downloads/lab05$ touch oddEvenChecker.c
sufyanahmed@55766:~/Downloads/lab05$ nano oddEvenChecker.c
```

Step 3:

```c
GNU nano 6.2                          oddEvenChecker.c
#include<stdio.h>
int main(){
        int x;

        printf("Enter Your Number: ");
        scanf("%d",&x);

        if(x%2==0){
                printf("You Entered Even Number");
        }else{
                printf("You Entered Odd Number");
        }
        return 0;
}
```

Step 4:

```
sufyanahmed@55766:~/Downloads/lab05$ gcc oddEvenChecker.c -o oddEvenChecker
sufyanahmed@55766:~/Downloads/lab05$
```

Step 5:

```
sufyanahmed@55766:~/Downloads/lab05$ gcc oddEvenChecker.c -o oddEvenChecker
sufyanahmed@55766:~/Downloads/lab05$ ./oddEvenChecker
Enter Your Number: 786
You Entered Even Numbersufyanahmed@55766:~/Downloads/lab05$
```

Task 03:

Step 1:

```
                                              sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ touch HelloWorld.java
sufyanahmed@55766:~/Downloads/lab05$
```

Step 2:

```
                                              sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ touch HelloWorld.java
sufyanahmed@55766:~/Downloads/lab05$ nano HelloWorld.java
```

Step 3:

```
                                              sufyanahmed@55766: ~/Downloads/lab05
  GNU nano 6.2                                        HelloWorld.java  *
public class HelloWorld{
        public static void main(String[] args){
                System.out.println("Hello World");
        }
}
```

Step 4:

```
                                              sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ javac HelloWorld.java
sufyanahmed@55766:~/Downloads/lab05$
```

Step 5:

```
                                              sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ javac HelloWorld.java
sufyanahmed@55766:~/Downloads/lab05$ java HelloWorld
Hello World
sufyanahmed@55766:~/Downloads/lab05$
```

Task 04:

Step 1:

```
sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ date
Tue Sep 23 01:33:09 AM PDT 2025
sufyanahmed@55766:~/Downloads/lab05$
```

Step 2:

```
sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ date
Tue Sep 23 01:33:09 AM PDT 2025
sufyanahmed@55766:~/Downloads/lab05$ date > datefile
sufyanahmed@55766:~/Downloads/lab05$
```

Step 3:

```
sufyanahmed@55766: ~/Downloads/lab05
sufyanahmed@55766:~/Downloads/lab05$ date
Tue Sep 23 01:33:09 AM PDT 2025
sufyanahmed@55766:~/Downloads/lab05$ date > datefile
sufyanahmed@55766:~/Downloads/lab05$ cat datefile
Tue Sep 23 01:33:23 AM PDT 2025
sufyanahmed@55766:~/Downloads/lab05$
```

Step 4:

```
sufyanahmed@55766:~/Downloads/lab05$ date >> datefile
sufyanahmed@55766:~/Downloads/lab05$ cat datefile
Tue Sep 23 01:33:53 AM PDT 2025
Tue Sep 23 01:34:13 AM PDT 2025
sufyanahmed@55766:~/Downloads/lab05$ date >> datefile
sufyanahmed@55766:~/Downloads/lab05$ date >> datefile
sufyanahmed@55766:~/Downloads/lab05$ cat datefile
Tue Sep 23 01:33:53 AM PDT 2025
Tue Sep 23 01:34:13 AM PDT 2025
Tue Sep 23 01:34:26 AM PDT 2025
Tue Sep 23 01:34:27 AM PDT 2025
sufyanahmed@55766:~/Downloads/lab05$
```