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SECTION : SE 5-2

LAB TASK : 05

TASK :01

STEP 01 :

```
haseeb55859@55766:~$ touch hello.c  
haseeb55859@55766:~$ nano hello.c
```

STEP 02 :

```
GNU nano 6.2  
#include <stdio.h>  
int main(){  
printf("hello...n");  
return 0;  
}
```

STEP 03 :

```
bash: ./hello: No such file or directory
haseeb55859@55766:~$ gcc hello.c -o hello
haseeb55859@55766:~$ ./hello
hello...nhaseeb55859@55766:~$ s
```

TASK 02 :

STEP 01 :

```
haseeb55859@55766:~$ nano oddEvenchecker.c
haseeb55859@55766:~$ gcc oddEvenchecker.c -o oddEvenchecker
haseeb55859@55766:~$
```

STEP 02 :

```
haseeb55859@55766:~$ rm oddEven
haseeb55859@55766:~$ touch oddEvenchecker.c
haseeb55859@55766:~$ nano oddEvenchecker.c
```

STEP 03 :

```
GNU nano 0.2
#include<stdio.h>
int main(){
int x;
printf("Enter a Number");
scanf("%d", &x);

if(x%2==0){
print("Even Number");
}
else{
print("odd number");
}
return 0;
}
```

STEP 04 :

```
haseeb55859@55766:~$ nano oddEvenchecker.c
haseeb55859@55766:~$ gcc oddEvenchecker.c -o oddEvenchecker
haseeb55859@55766:~$
```

STEP : 05

```
haseeb55859@55766:~$ rm oddEven
haseeb55859@55766:~$ touch oddEvenchecker.c
haseeb55859@55766:~$ nano oddEvenchecker.c
```

TASK 03 :

STEP 01 :

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

STEP 02 :

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

STEP 03 :

```
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 04 :

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

STEP 05 :

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

TASK 04 :

STEP 01 :

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

STEP 02 :

```
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 03 :

```
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 04 :

```
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
```
