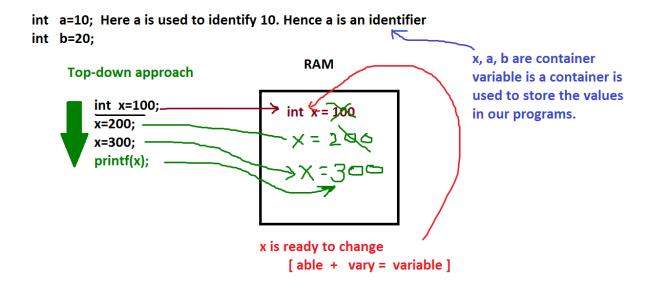
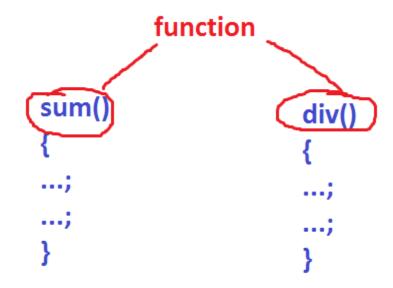
Identifiers: Identifiers are nothing but names of variables / functions / files / array / pointer etc.

Example for variables:



Examples for functions:

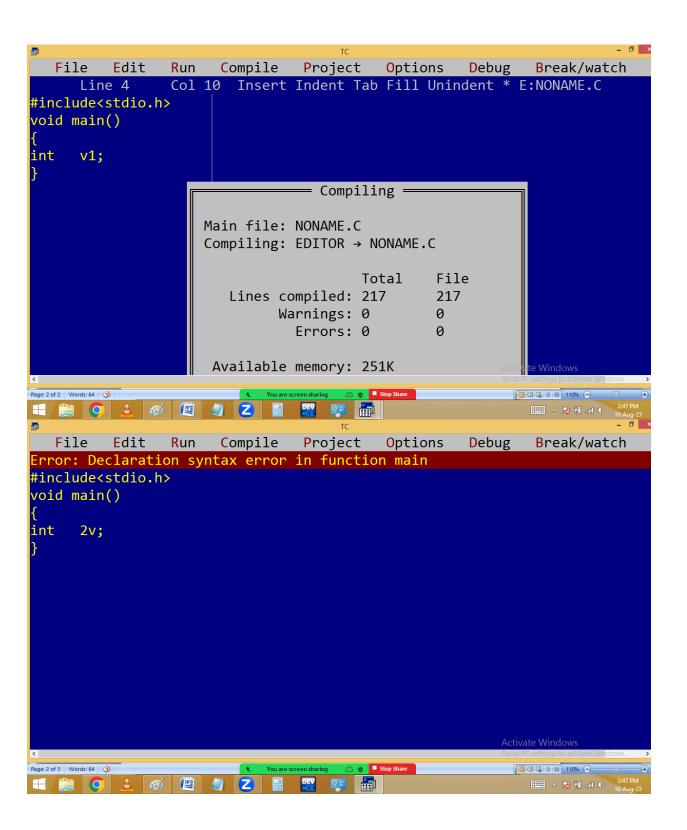


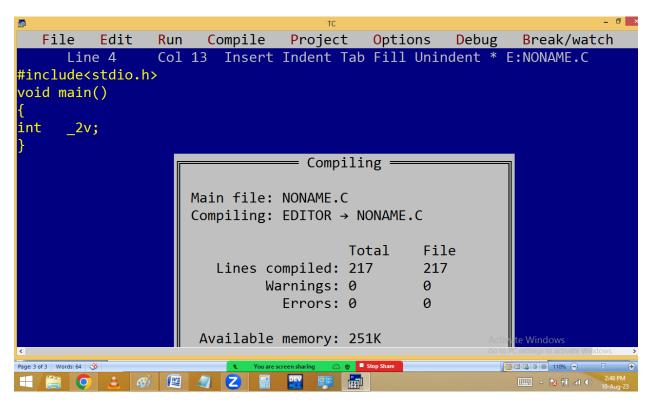
Example for files:

```
a.c, b.cpp, c.java, d.py,...
array example: int a[10];
pointer example: int * p;
```

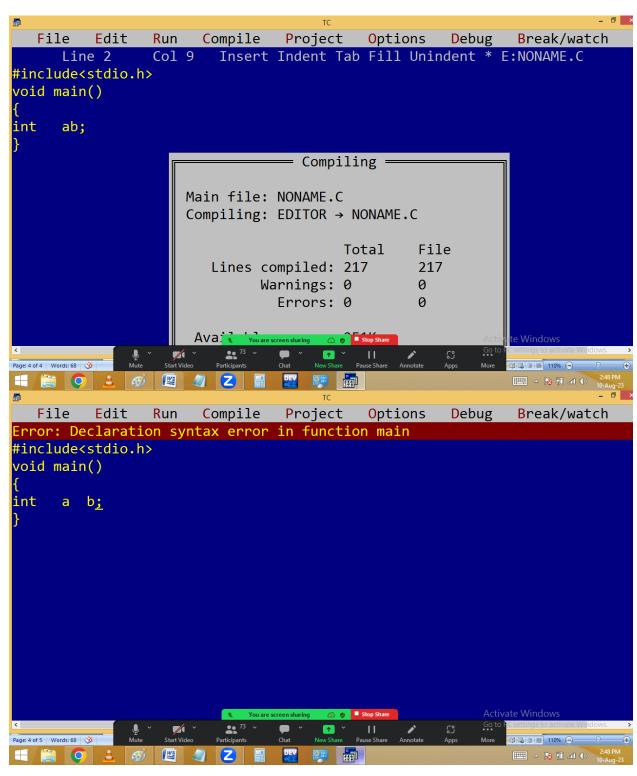
Naming rules:

- Name should have to start with alphabet or underscore only [_]
- 2. Numbers allowed but not at starting position.

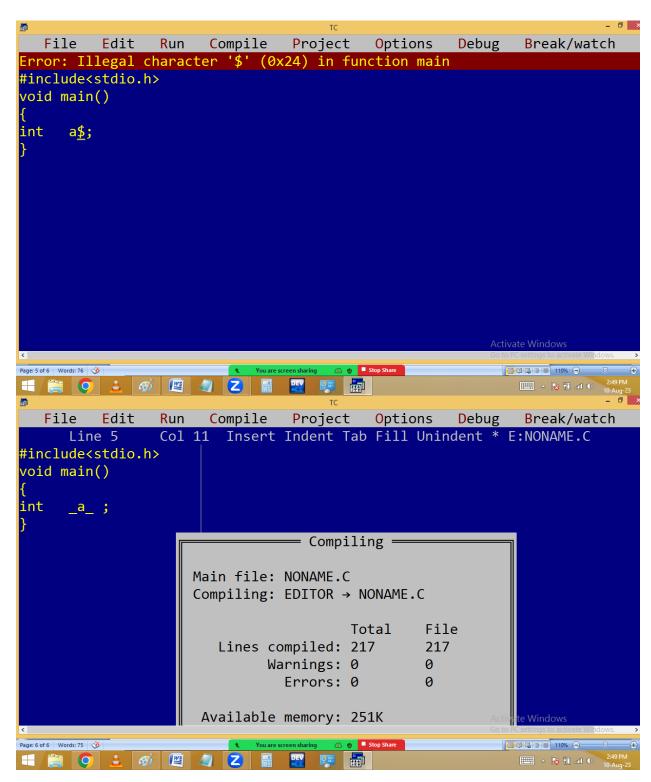




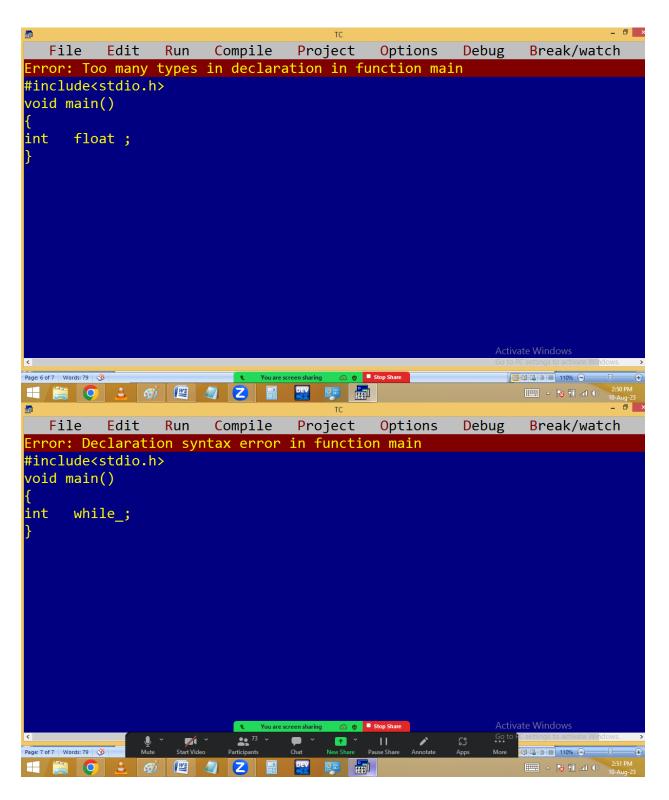
3. Spaces not allowed.



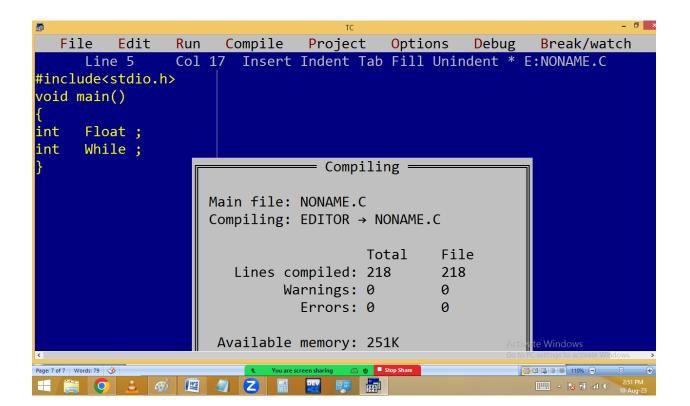
4. Special characters not allowed except _

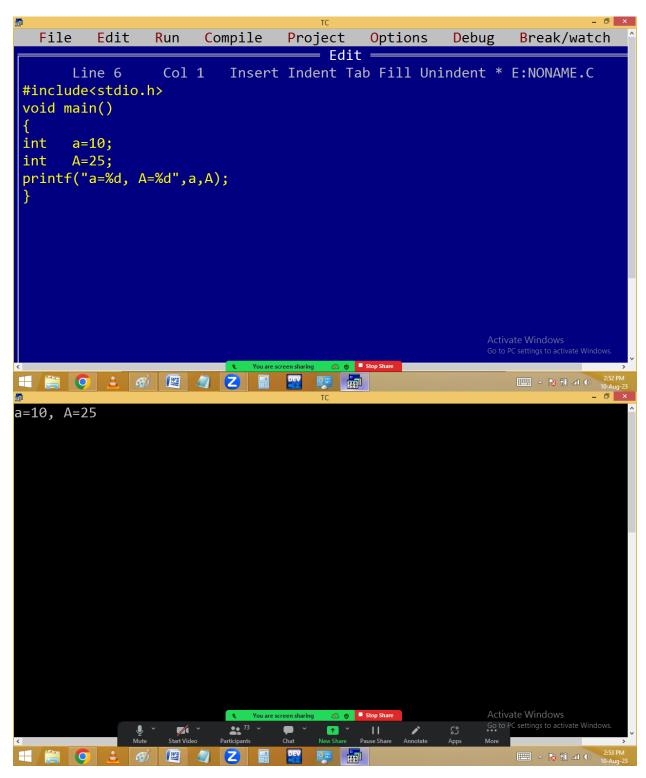


5. Keywords not allowed.

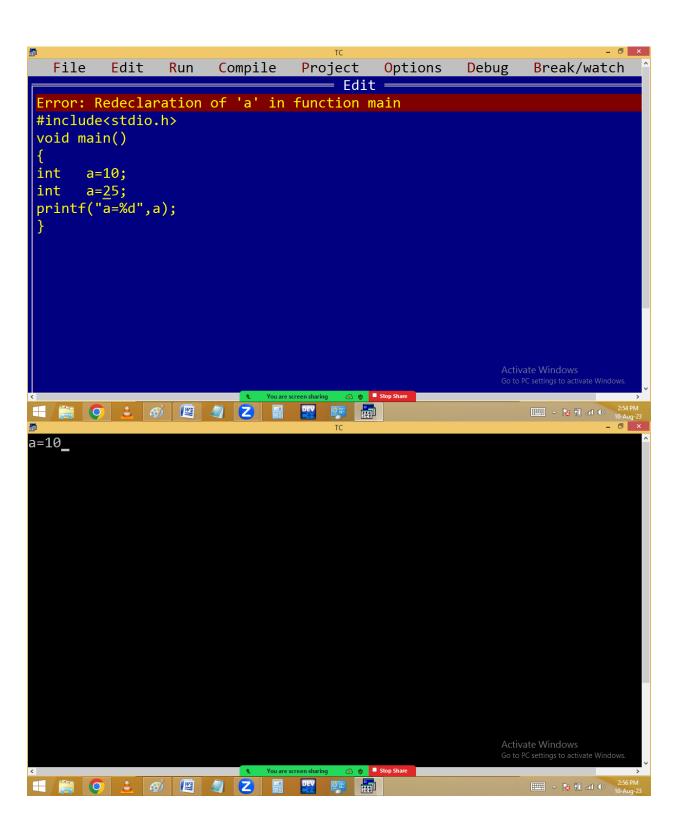


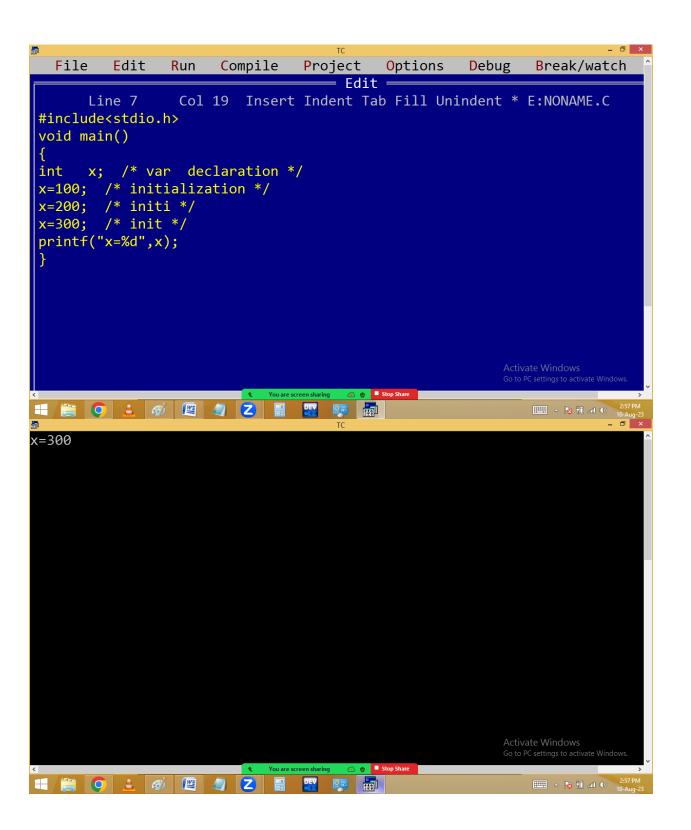
6. Identifiers are case sensitive i.e. lower and upper are different.





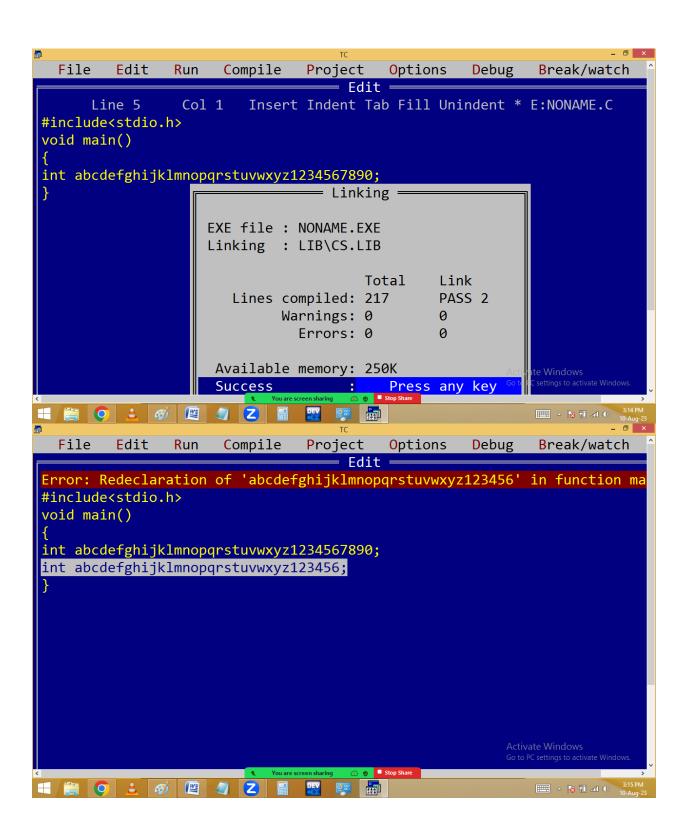
7. Duplicate names not allowed in same function.





```
File
        Edit
                    Compile
                             Project
                                      Options
                                               Debug
                                                      Break/watch
                              — Edit =
  rror: Redeclaration of 'rama' in function main
#include<stdio.h>
void main()
int rama=100; /* dec & initialization */
float rama=2.5; /* dec & initi */
printf("rama=%d",rama);
△ 😼 📆 📶 (b) 3:13 PM
```

8. Name may contain up to 32 characters and excess characters ignored by the compiler.



```
File Edit Run Compile Project Options Debug Break/watch

Edit

Line 5 Col 36 Insert Indent Tab Fill Unindent * E:NONAME.C

#include<stdio.h>
void main()
{
int abcdefghijklmnopqrstuvwxyz1234567890;
int abcdefghijklmnopqrstuvwxyz12345;
}

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```

constants: Fixed values are called constants. We can't change a constant value during program execution. Constant value should be provided at the time of declaration only. i.e. further initializations not allowed.

Eg:

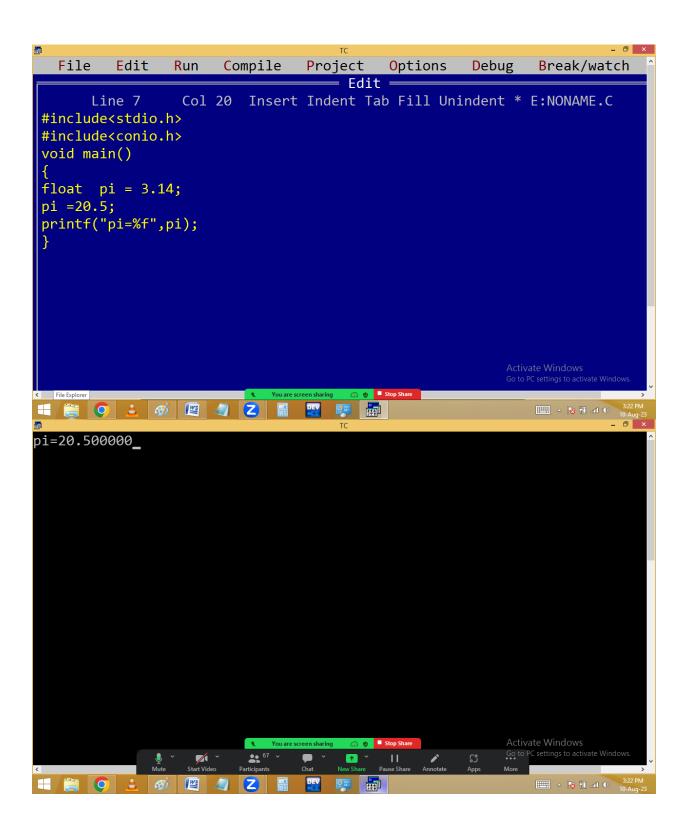
Numerical constants:

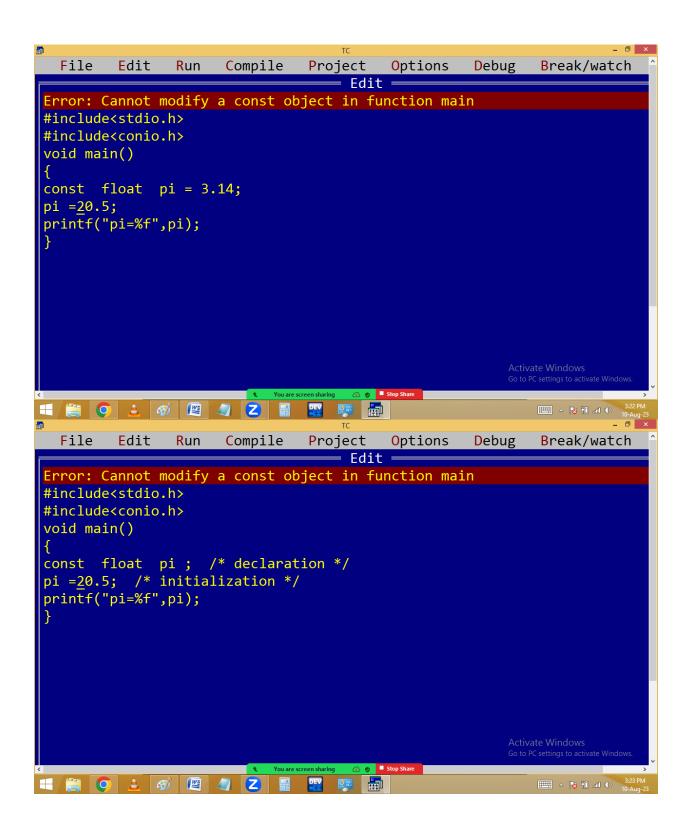
const float pi = 3.14;

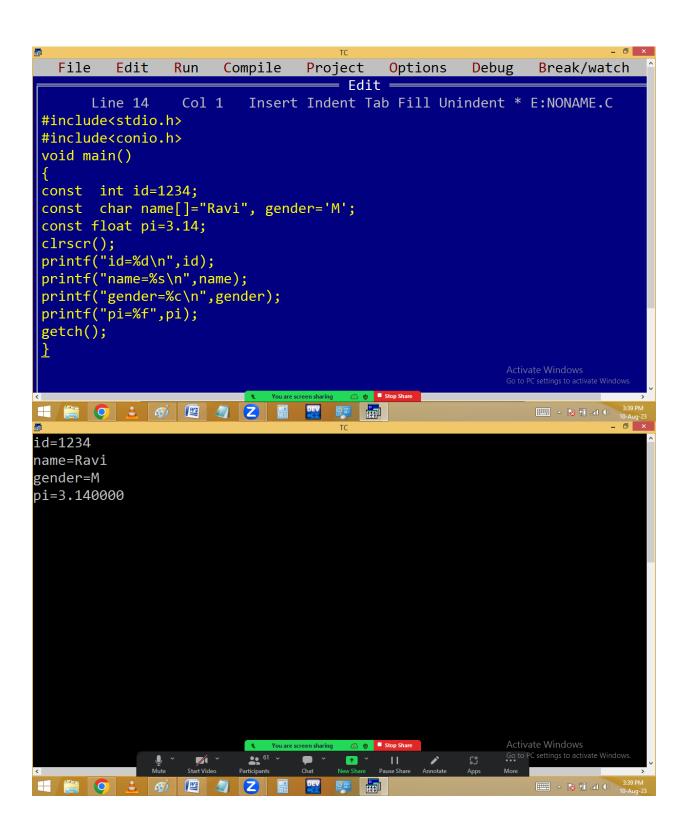
```
const int rollno=1234;
```

character constants:

char name[]="Ravi"; ← string constant
char gender='M'; ← char constant







In dev C++:

