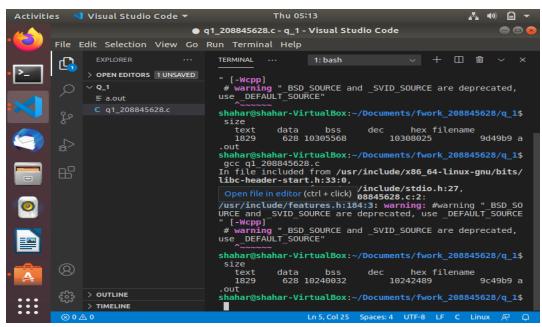
Question 1:

/*1. bss */ 5 char globBuf[65536];



I used size command before and after putting this line in comment and the bss size decreased.

```
/*2. data */ 6 int primes[] = { 2, 3, 5, 7 };

The 1939*

The falls selection View on Run Terminal Help

The falls selection View on Run Terminal Help

The falls selection View on Run Terminal Help

Columnication View on Run Terminal Help

Terminal Terminal Help

Columnication View on Run Terminal Help

Columnication View on Run Terminal Help

Terminal Terminal Help

Columnication View on Run Terminal Help

Terminal Terminal Help

Columnication View on Run Terminal Help

Terminal Terminal Help

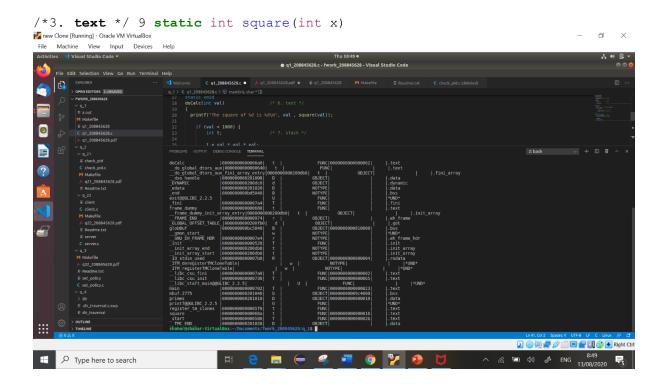
Columnication View on Run Terminal Help

Termin Terminal Help

Terminal Terminal Help

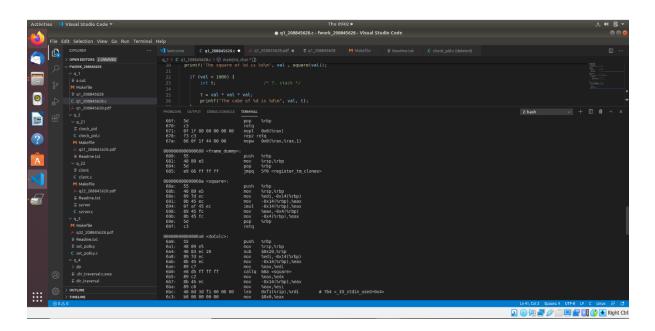
Columnication View on Ru
```

I used size command before and after putting this line in comment and the data size decreased.



I used the nm command to show where every line is allocated.(the text keep the "instructions" that the program need)

/*4. **stack** */ 11. **int** result;



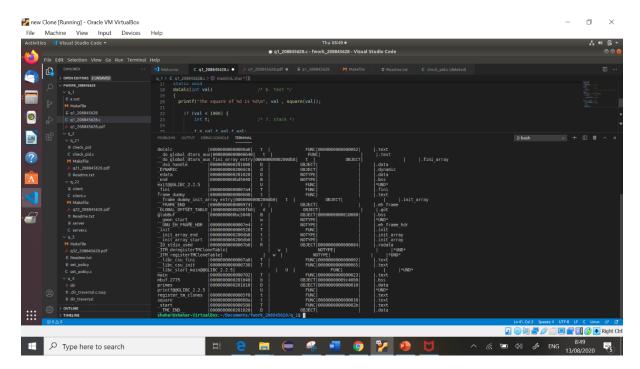
I used the objdump command to so show that in function square we use stack functions like push , pop and mov.

Therefor ,local variables inside a scope (not global or static) is kept in stack .

/*5. stack */ 14 return result;

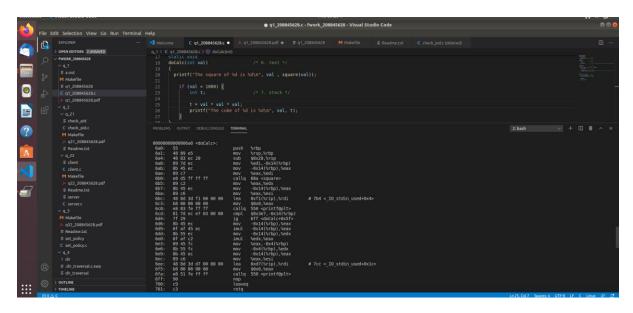
The memory saves the variable result and move it to the caller function's stack to save it there.(same pic as in 4)

/*6. text */ 18 static void doCalc(int val)



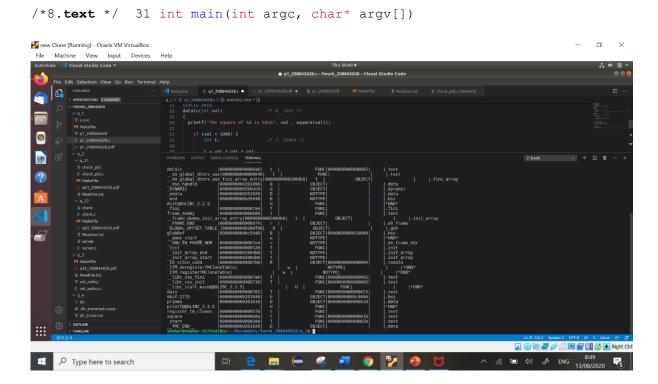
I used the nm command to show where every line is allocated.

/*7. **stack** */ 23 int t;



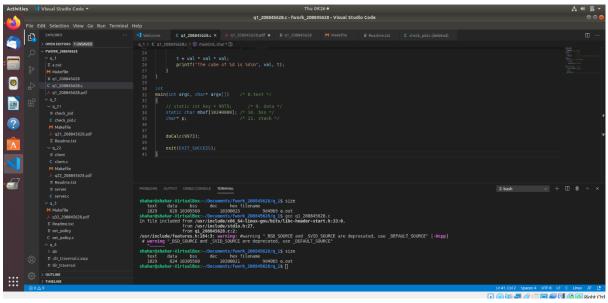
I used the objdump command to so show that in function doCalc we use stack functions like push , pop and mov.

Therefor ,local variables inside a scope (not global or static) is kept in stack .



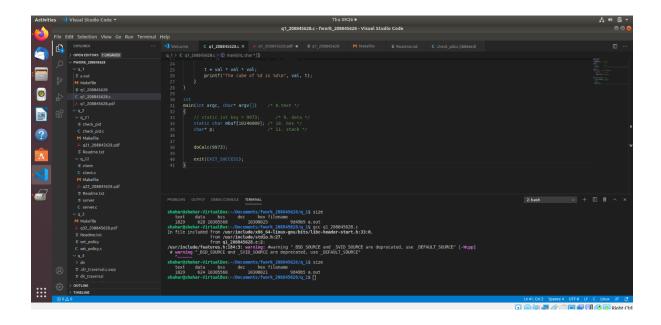
I used the nm command to show where every line is allocated.

/*9.data */ 33 static int key = 9973;

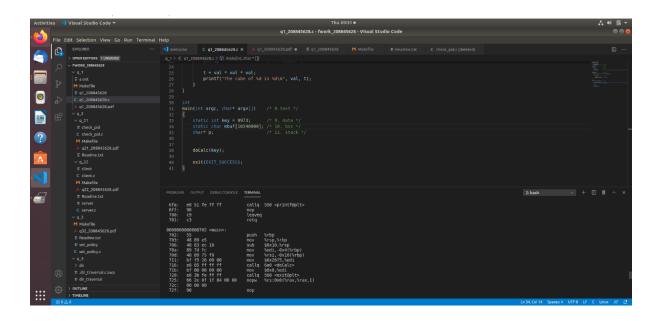


I used size command before and after putting this line in comment and the data size decreased.

```
/*10.bss */ 34 static char mbuf[10240000];
```



I used size command before and after putting this line in comment and the bss size decreased.



I used the objdump command to so show that in function main we use stack functions like push , pop and mov.