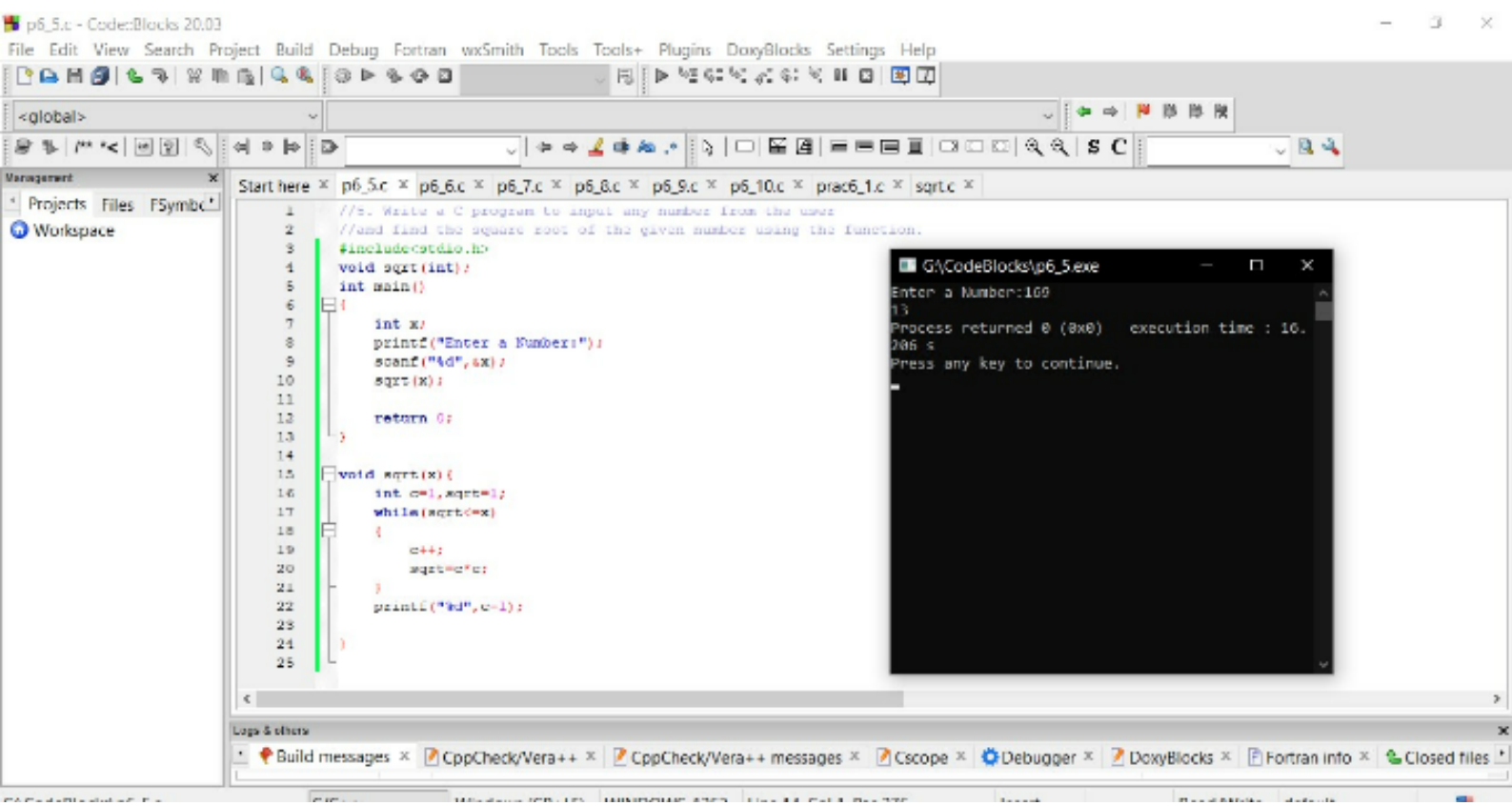
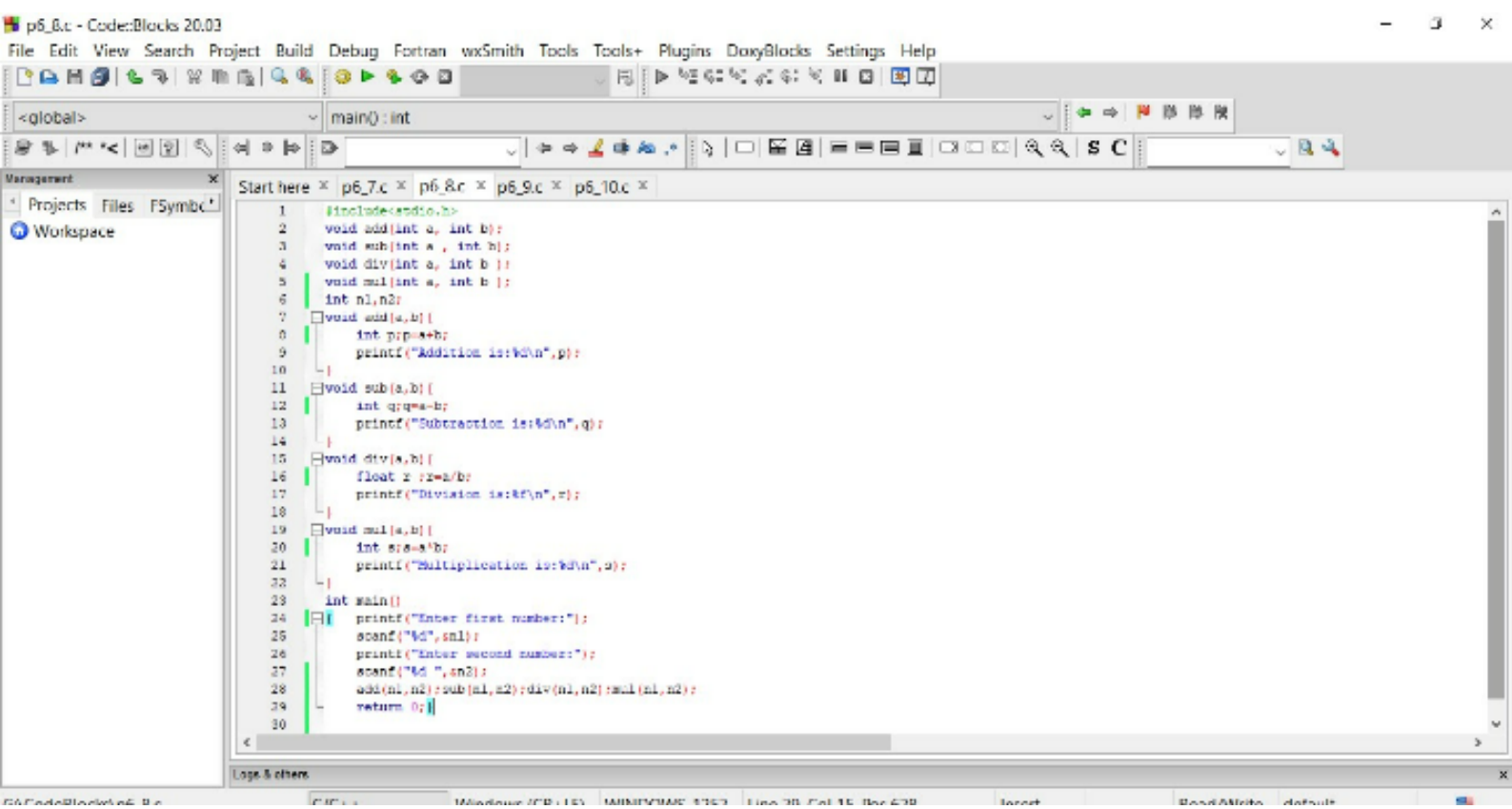
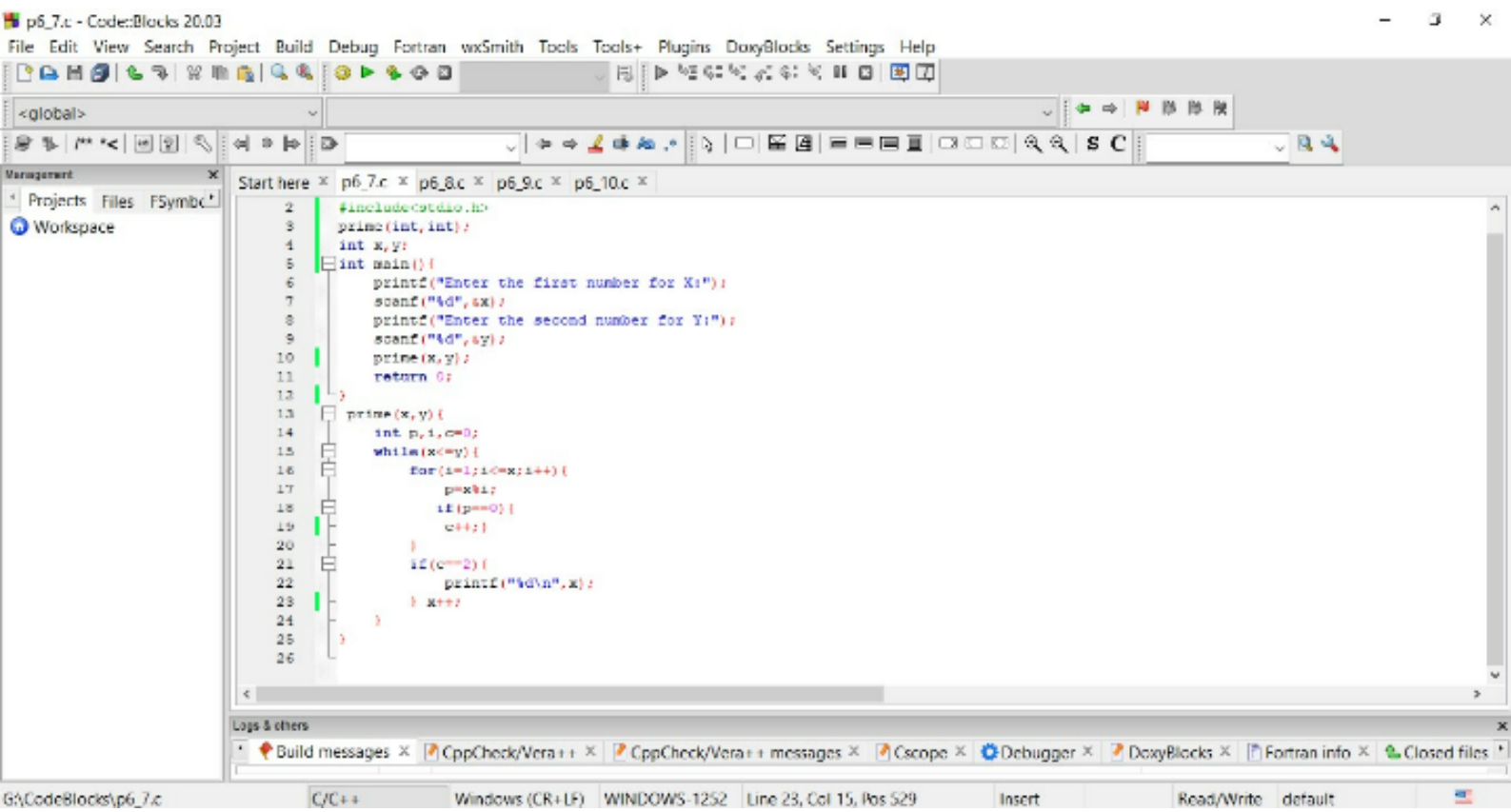
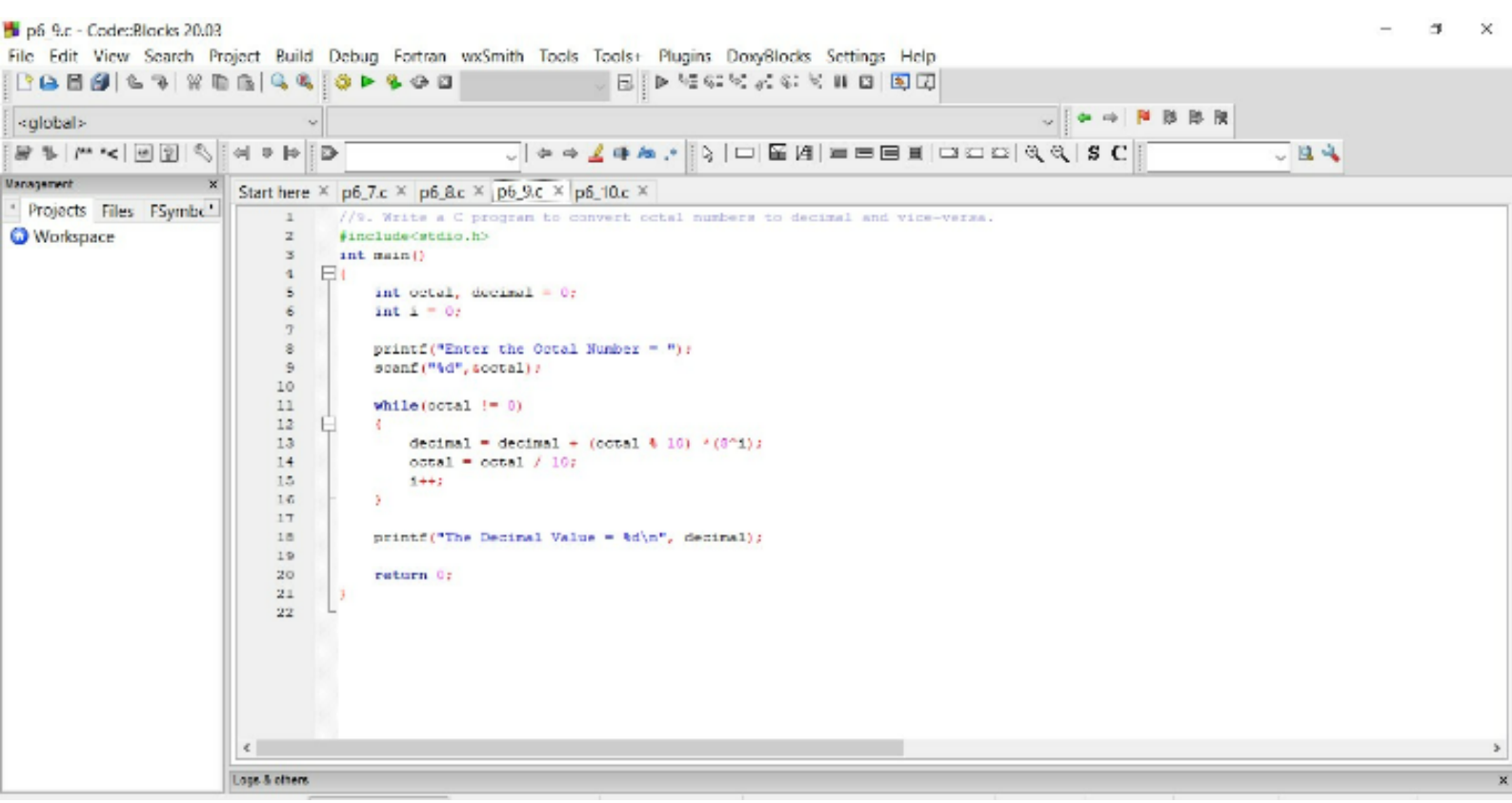
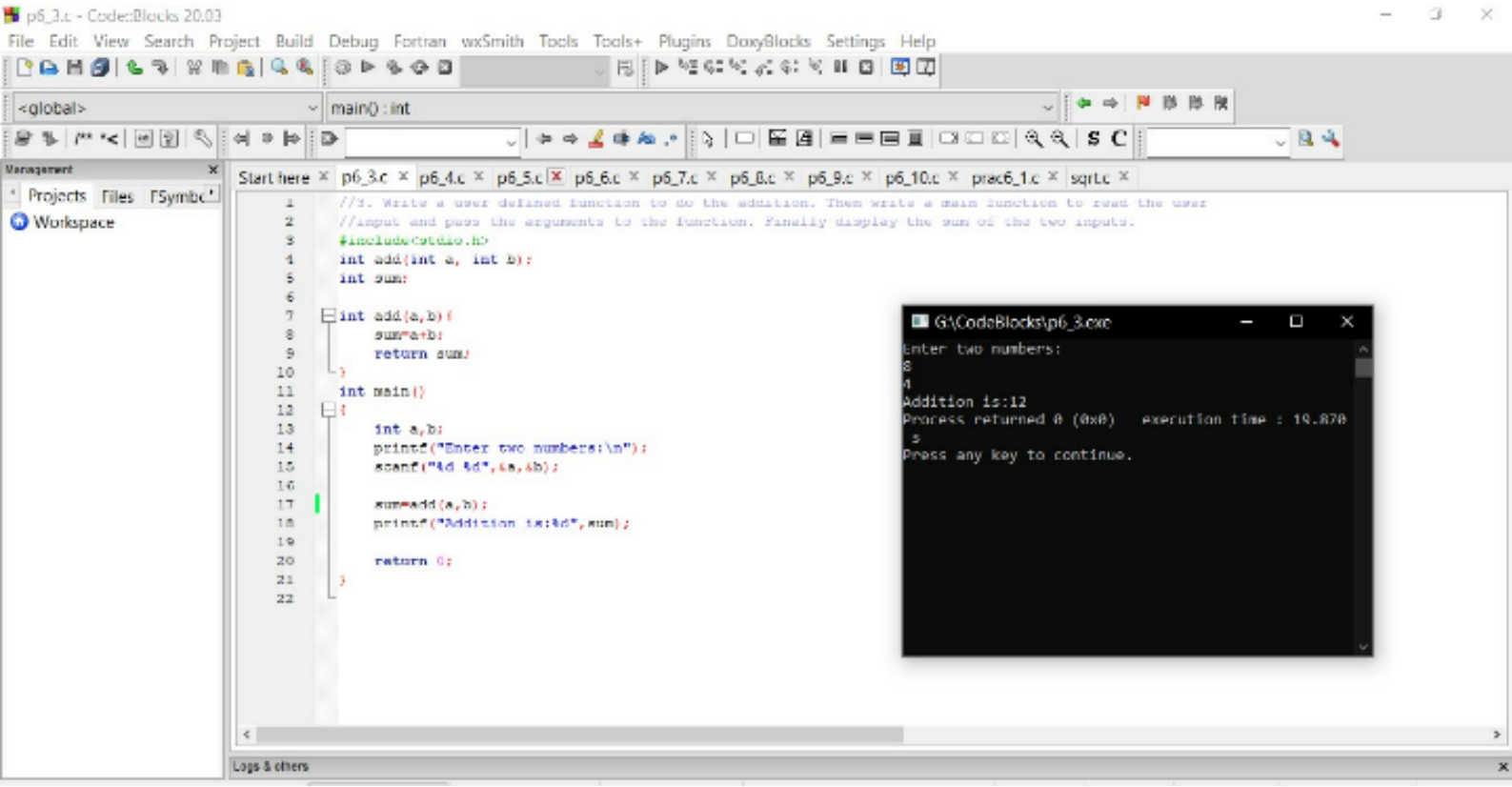
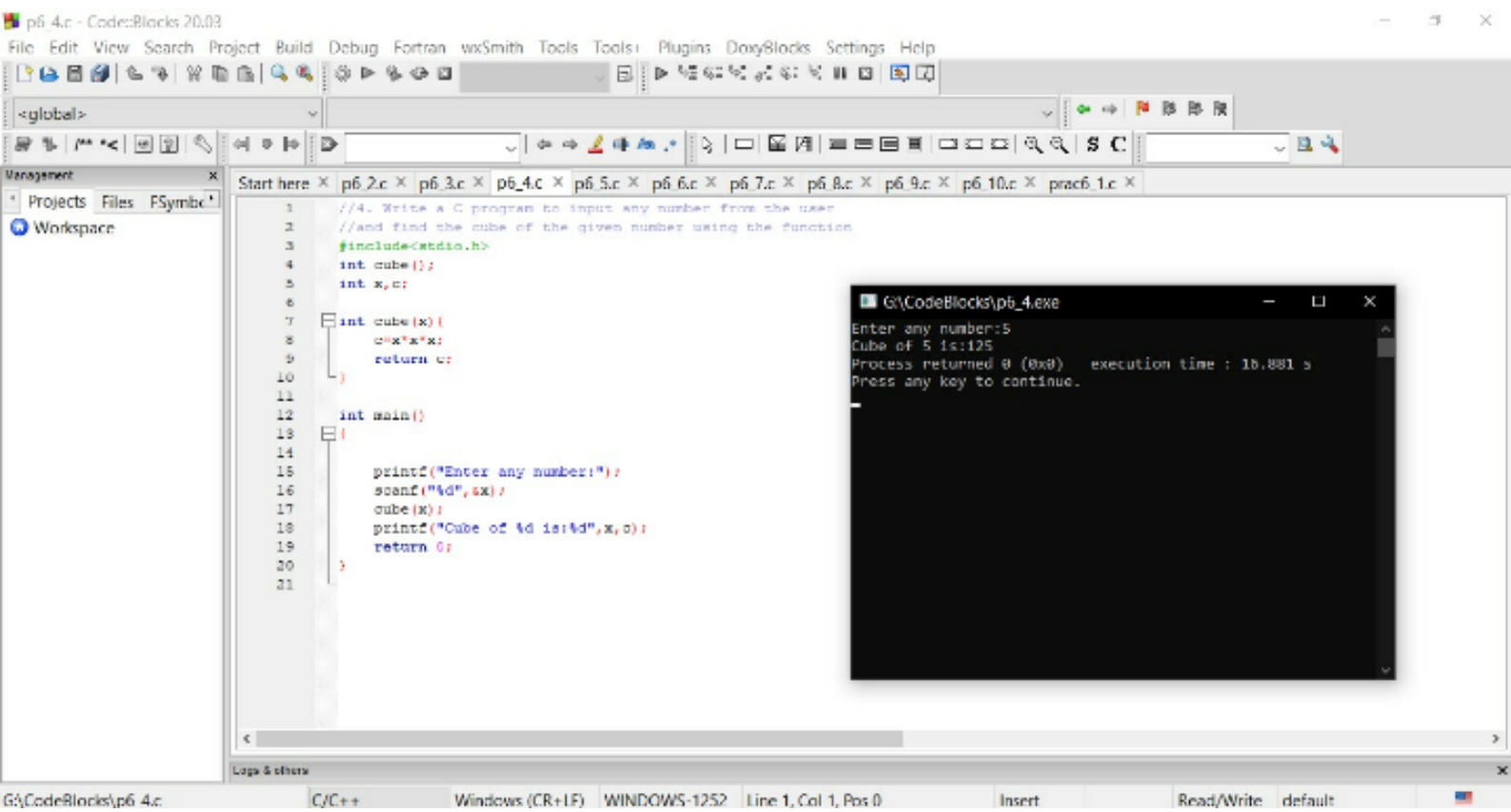

p6_5.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
Management
Projects Files FSymbc
Workspace
Start here
p6_5.c
p6_6.c
p6_7.c
p6_8.c
p6_9.c
p6_10.c
prac6_1.c
sqrt.c
//5. Write a C program to input any number from the user
//and find the square root of the gaven number using the function.
#include<stdio.h>
void sqrt(int);
int main()
{
int x;
printf("Enter a Number:");
scanf("%d",&x);
sqrt(x);
return 0;
}
void sqrt(x){
int c=1,sqrt=1;
while(sqrt<=x)
{
c++;
sqrt=c*c;
}
printf("%d",c-1);
}
G:\CodeBlocks\p6_5.exe
Enter a Number:100
13
Process returned 0 (0x0) execution time : 10.
006 s
Press any key to continue.
Logs & others
Build messages
CppCheck/Vera++
CppCheck/Vera++ messages
Cscope
Debugger
DoxyBlocks
Fortran info
Closed files

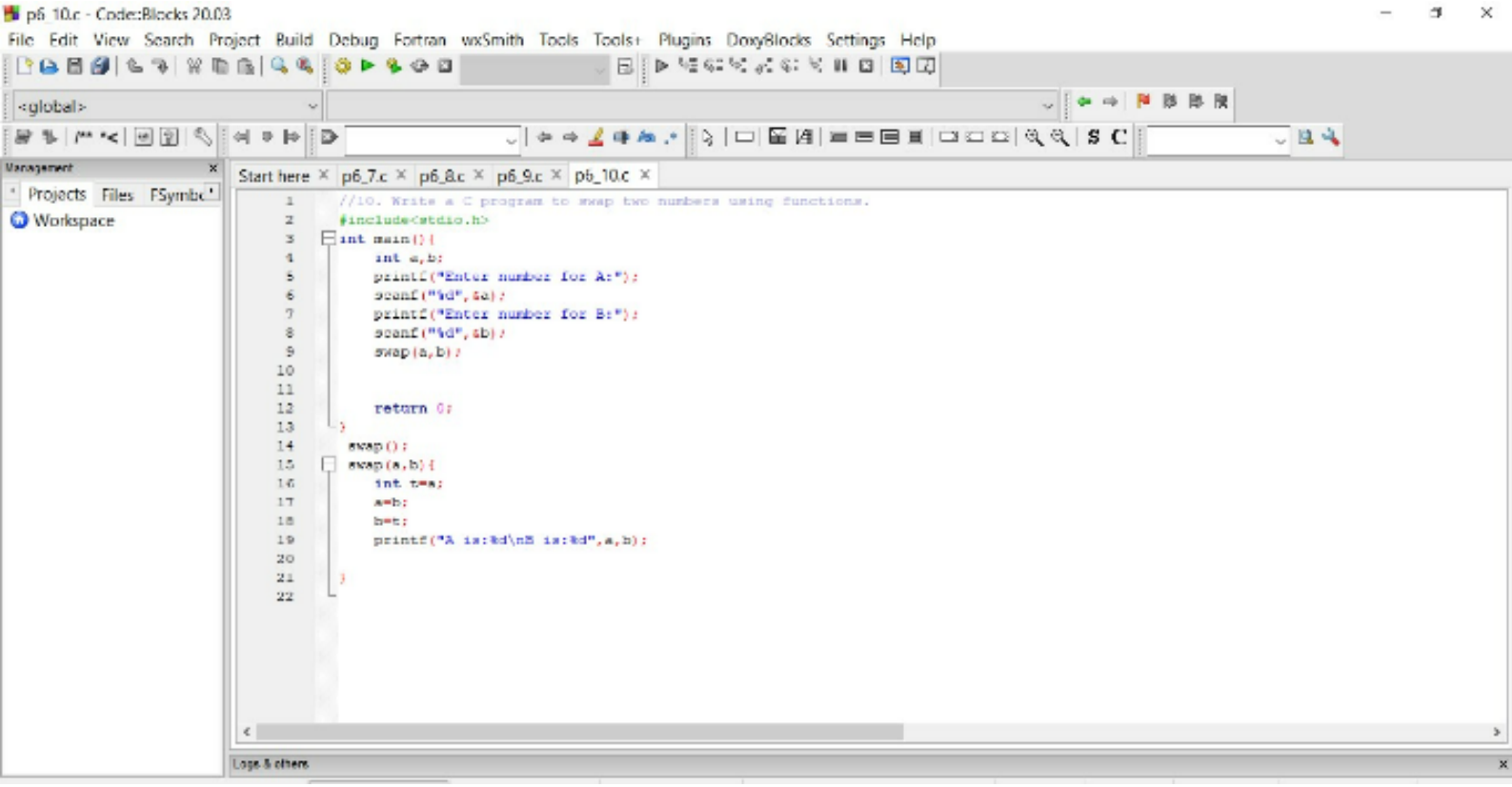

p6_8.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main() : int
Management
Projects Files FSymbc
Workspace
Start here
p6_7.c
p6_8.c
p6_9.c
p6_10.c
#include<stdio.h>
void add(int a, int b);
void sub(int a , int b);
void div(int a, int b );
void mul(int a, int b );
int n1,n2;
void add(a,b){
int p=a+b;
printf("Addition is:%d\n",p);
}
void sub(a,b){
int q;q=a-b;
printf("Subtraction is:%d\n",q);
}
void div(a,b){
float z ;z=a/b;
printf("Division is:%f\n",z);
}
void mul(a,b){
int s;s=a*b;
printf("Multiplication is:%d\n",s);
}
int main()
{ printf("Enter first number:");
scanf("%d",&n1);
printf("Enter second number:");
scanf("%d ",&n2);
add(n1,n2);sub(n1,n2);div(n1,n2);mul(n1,n2);
return 0;}
Logs & others

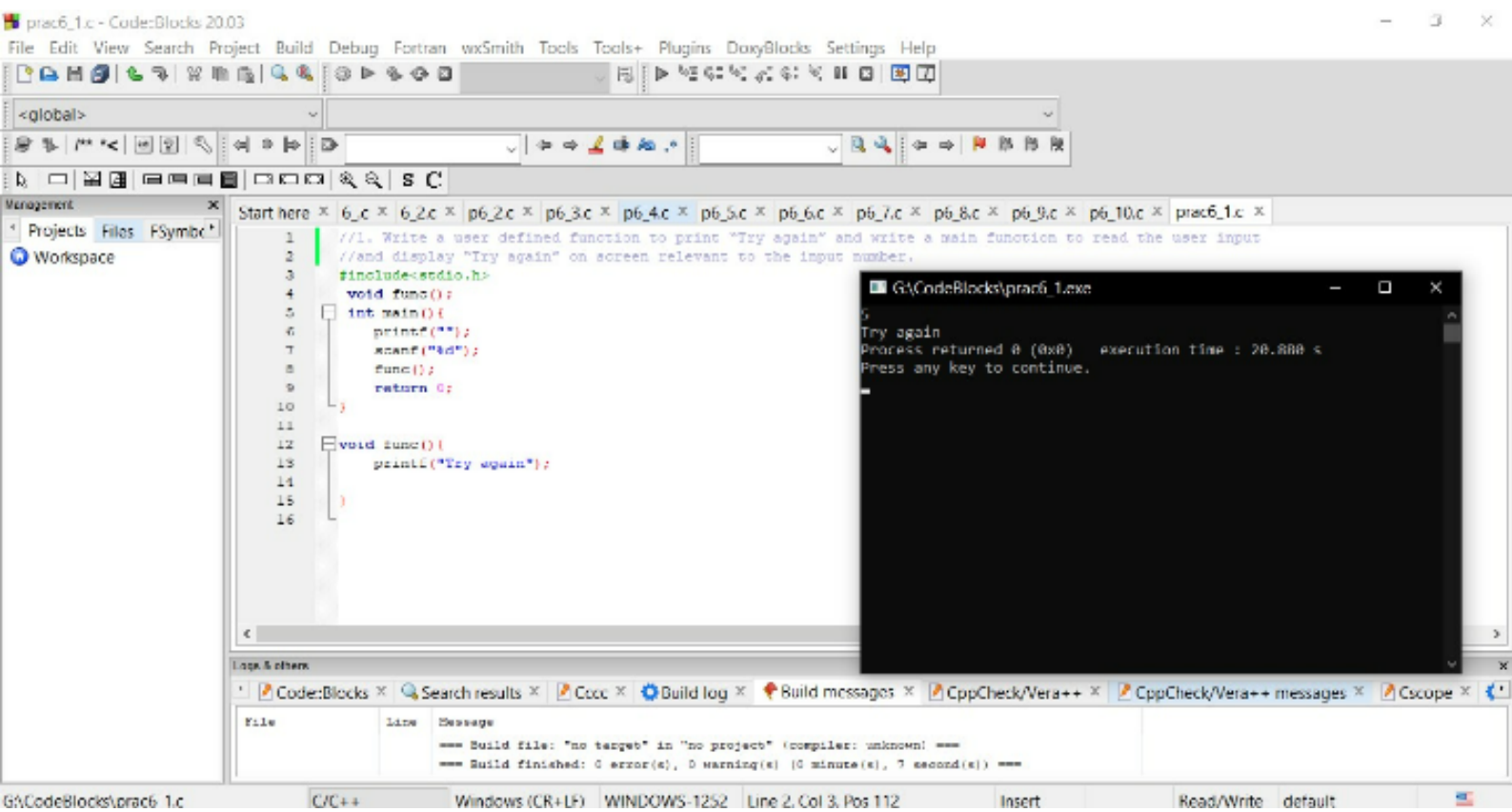

p6_7.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
Management
Projects Files FSymbc
Workspace
Start here
p6_7.c
p6_8.c
p6_9.c
p6_10.c
#include<stdio.h>
prime(int,int);
int x,y;
int main(){
printf("Enter the first number for X:");
scanf("%d",&x);
printf("Enter the second number for Y:");
scanf("%d",&y);
prime(x,y);
return 0;
}
prime(x,y){
int p,i,c=0;
while(x<=y){
for(i=1;i<=x;i++){
p=x%i;
if(p==0){
c++;}
}
if(c==2){
printf("%d\n",x);
} x++;
}
}
Logs & others
Build messages
CppCheck/Vera++
CppCheck/Vera++ messages
Cscope
Debugger
DoxyBlocks
Fortran info
Closed files
G:\CodeBlocks\p6_7.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 23, Col 15, Pos 529
Insert
Read/Write
default

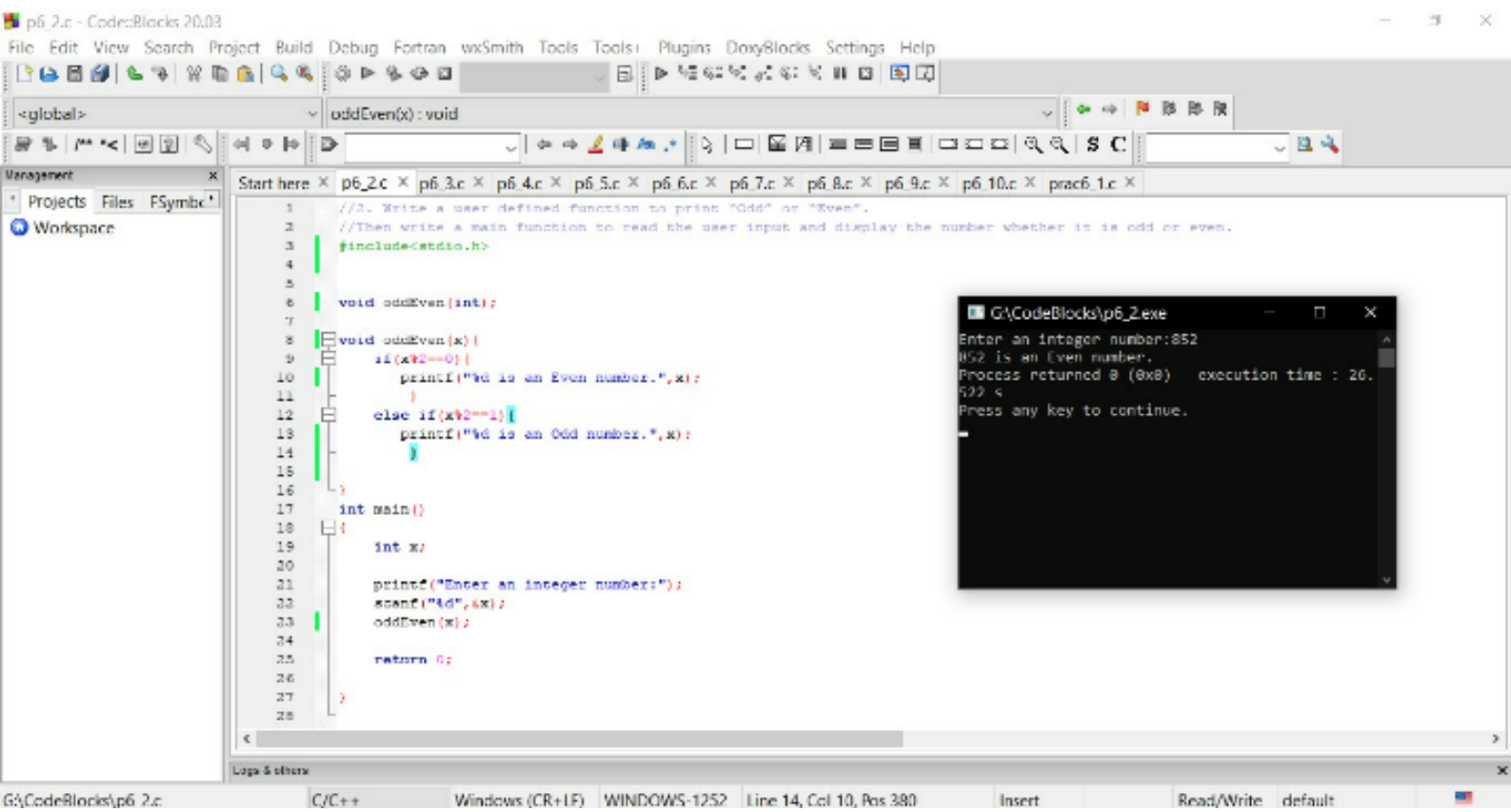

p6_9.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
Management
Projects Files FSymbc
Workspace
Start here
p6_7.c
p6_8.c
p6_9.c
p6_10.c
//9. Write a C program to convert octal numbers to decimal and vice-versa.
#include<stdio.h>
int main()
{
int octal, decimal = 0;
int i = 0;
printf("Enter the Octal Number = ");
scanf("%d",&octal);
while(octal != 0)
{
decimal = decimal + (octal % 10) *(8^i);
octal = octal / 10;
i++;
}
printf("The Decimal Value = %d\n", decimal);
return 0;
}
Logs & others

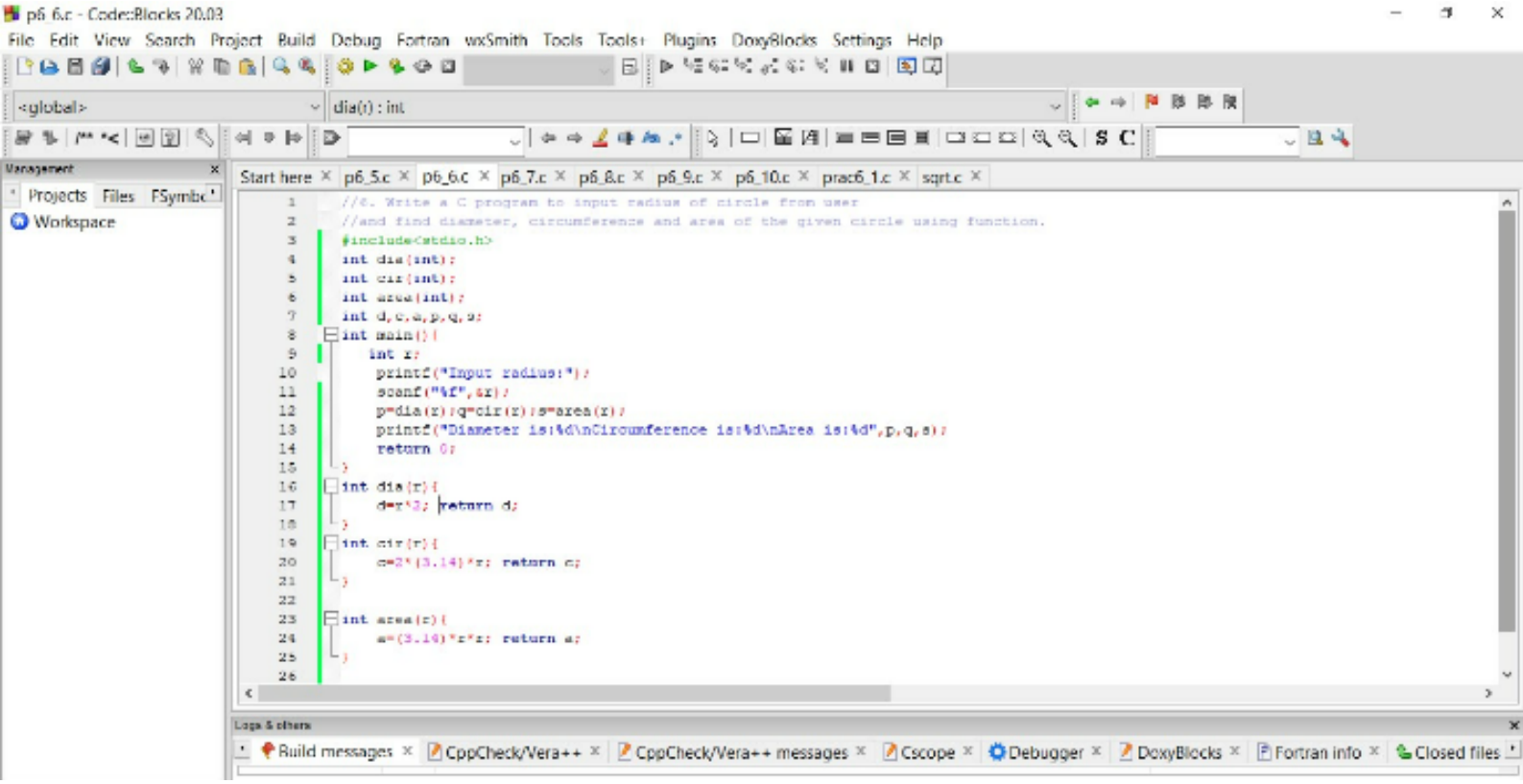

p6_3.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
main() : int
Management
Projects Files FSymbc
Workspace
Start here
p6_3.c
p6_4.c
p6_5.c
p6_6.c
p6_7.c
p6_8.c
p6_9.c
p6_10.c
prac6_1.c
sqrt.c
//3. Write a user defined function to do the addition. Then write a main function to read the user
//input and pass the arguments to the function. Finally display the sum of the two inputs.
#include<stdio.h>
int add(int a, int b);
int sum;
int add(a,b){
sum=a+b;
return sum;
}
int main()
{
int a,b;
printf("Enter two numbers:\n");
scanf("%d %d",&a,&b);
sum=add(a,b);
printf("Addition is:%d",sum);
return 0;
}
G:\CodeBlocks\p6_3.exe
Enter two numbers:
8
4
Addition is:12
Process returned 0 (0x0) execution time : 19.870
s
Press any key to continue.
Logs & others


p6_4.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Management
Projects Files FSymbc
Workspace
Start here
p6_2.c
p6_3.c
p6_4.c
p6_5.c
p6_6.c
p6_7.c
p6_8.c
p6_9.c
p6_10.c
prac6_1.c
//4. Write a C program to input any number from the user
//and find the cube of the given number using the function
#include<stdio.h>
int cube();
int x,c;
int cube(x){
c=x*x*x;
return c;
}
int main()
{
printf("Enter any number:");
scanf("%d",&x);
cube(x);
printf("Cube of %d is:%d",x,c);
return 0;
}
G:\CodeBlocks\p6_4.exe
Enter any number:5
Cube of 5 is:125
Process returned 0 (0x0) execution time : 10.881 s
Press any key to continue.
Logs & others
G:\CodeBlocks\p6_4.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 1, Col 1, Pos 0
Insert
Read/Write
default


p6_10.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
Management
Projects Files FSymbc
Workspace
Start here
p6_7.c
p6_8.c
p6_9.c
p6_10.c
//10. Write a C program to swap two numbers using functions.
#include<stdio.h>
int main(){
int a,b;
printf("Enter number for A:");
scanf("%d",&a);
printf("Enter number for B:");
scanf("%d",&b);
swap(a,b);
return 0;
}
swap();
swap(a,b){
int t=a;
a=b;
b=t;
printf("A is:%d\nB is:%d",a,b);
}
Logs & others


prac6_1.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
Management
Projects Files FSymbc
Workspace
Start here 6_c 6_2.c p6_2.c p6_3.c p6_4.c p6_5.c p6_6.c p6_7.c p6_8.c p6_9.c p6_10.c prac6_1.c
1 //1. Write a user defined function to print "Try again" and write a main function to read the user input
2 //and display "Try again" on screen relevant to the input number.
3 #include<stdio.h>
4 void func();
5 int main(){
6 printf("");
7 scanf("%d");
8 func();
9 return 0;
10 }
11
12 void func(){
13 printf("Try again");
14
15 }
16
G:\CodeBlocks\prac6_1.exe
5
Try again
Process returned 0 (0x0) execution time : 20.888 s
Press any key to continue.
Logs & others
Code::Blocks Search results Cccc Build log Build messages CppCheck/Vera++ CppCheck/Vera++ messages Cscope
File Line Message
=== Build file: "no target" in "no project" (compiler: unknown) ===
=== Build finished: 0 error(s), 0 warning(s) (0 minute(s), 7 second(s)) ===
G:\CodeBlocks\prac6_1.c C/C++ Windows (CR+LF) WINDOWS-1252 Line 2, Col 3, Pos 112 Insert Read/Write default


p6_2.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
oddEven(x) : void
Management
Projects Files FSymbc
Workspace
Start here
p6_2.c
p6_3.c
p6_4.c
p6_5.c
p6_6.c
p6_7.c
p6_8.c
p6_9.c
p6_10.c
prac6_1.c
//3. Write a user defined function to print "Odd" or "Even".
//Then write a main function to read the user input and display the number whether it is odd or even.
#include<stdio.h>
void oddEven(int);
void oddEven(x){
if(x%2==0){
printf("%d is an Even number.",x);
}
else if(x%2==1){
printf("%d is an Odd number.",x);
}
}
int main()
{
int x;
printf("Enter an integer number:");
scanf("%d",&x);
oddEven(x);
return 0;
}
G:\CodeBlocks\p6_2.exe
Enter an integer number:852
852 is an Even number.
Process returned 0 (0x0) execution time : 20.
522 s
Press any key to continue.
Logs & others
G:\CodeBlocks\p6_2.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 14, Col 10, Pos 380
Insert
Read/Write
default


p6_6.c - Code::Blocks 20.03
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
<global>
dia() : int
Management
Projects Files FSymbc
Workspace
Start here
p6_5.c
p6_6.c
p6_7.c
p6_8.c
p6_9.c
p6_10.c
prac6_1.c
sqrt.c
//6. Write a C program to input radius of circle from user
//and find diameter, circumference and area of the given circle using function.
#include<stdio.h>
int dia(int);
int cir(int);
int area(int);
int d,c,a,p,q,s;
int main(){
int r;
printf("Input radius:");
scanf("%f",&r);
p=dia(r);q=cir(r);s=area(r);
printf("Diameter is:%d\nCircumference is:%d\nArea is:%d",p,q,s);
return 0;
}
int dia(r){
d=r*2; return d;
}
int cir(r){
c=2*(3.14)*r; return c;
}
int area(r){
a=(3.14)*r*r; return a;
}
Logs & others
Build messages
CppCheck/Vera++
CppCheck/Vera++ messages
Cscope
Debugger
DoxyBlocks
Fortran info
Closed files