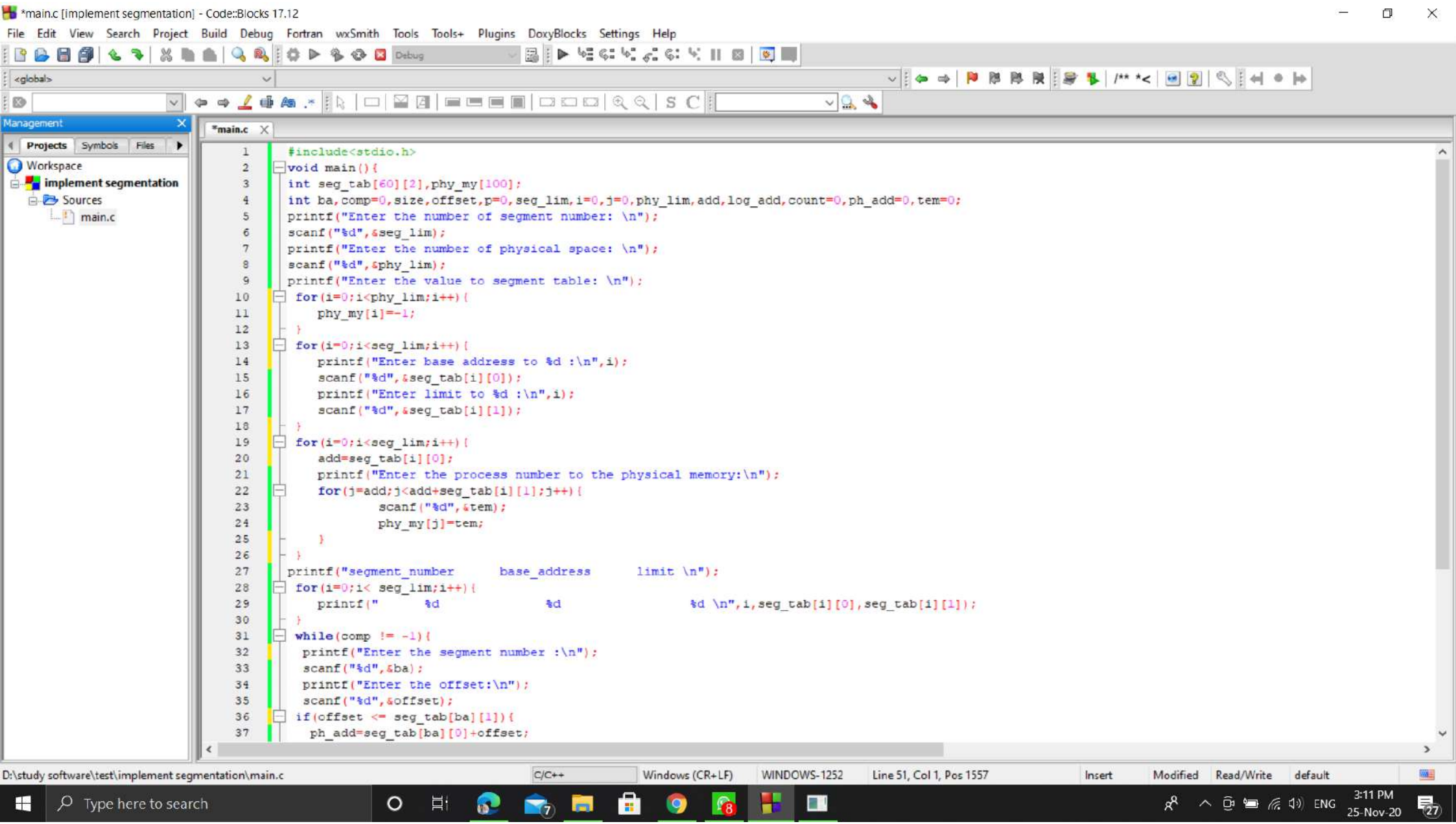
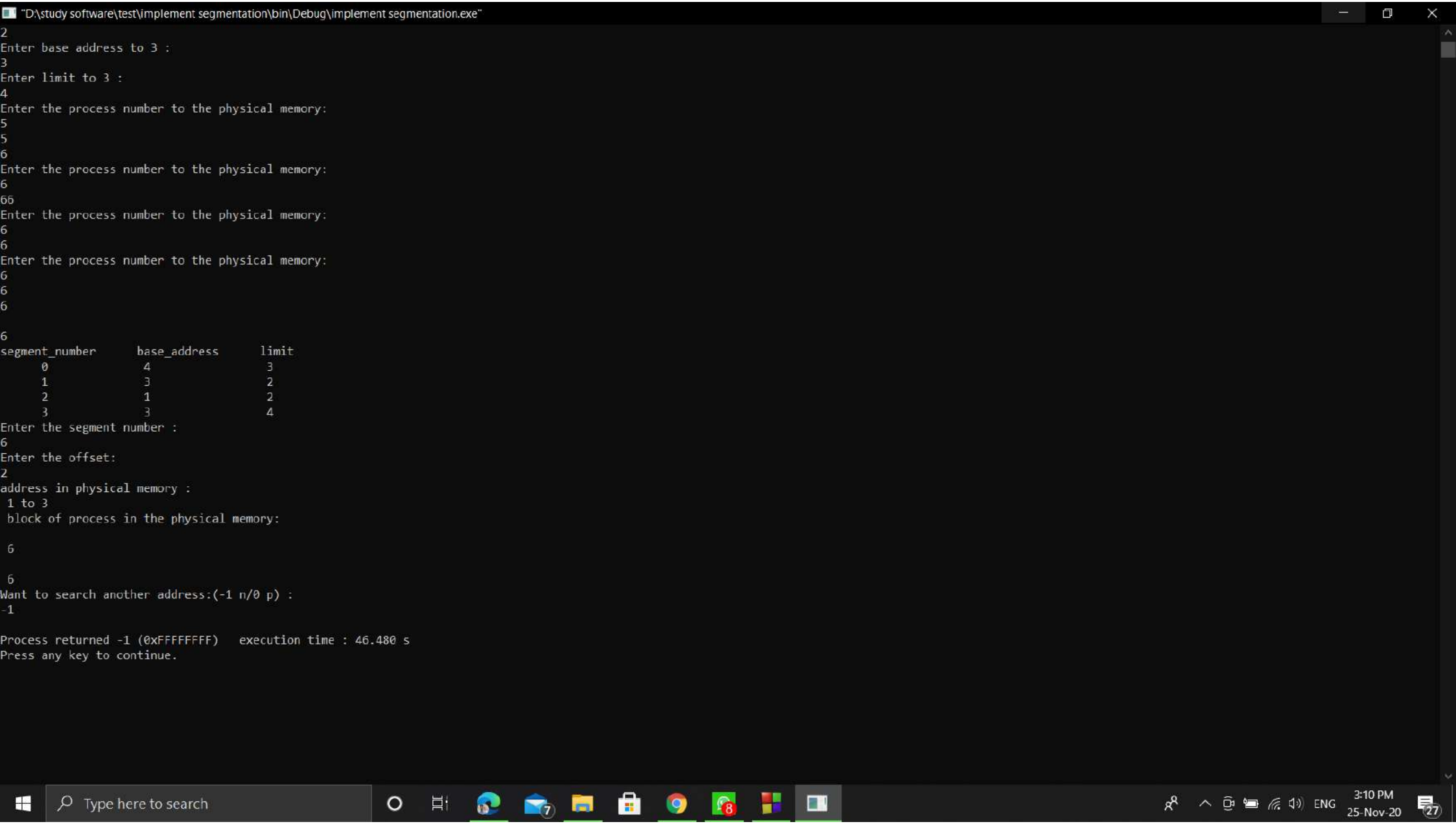
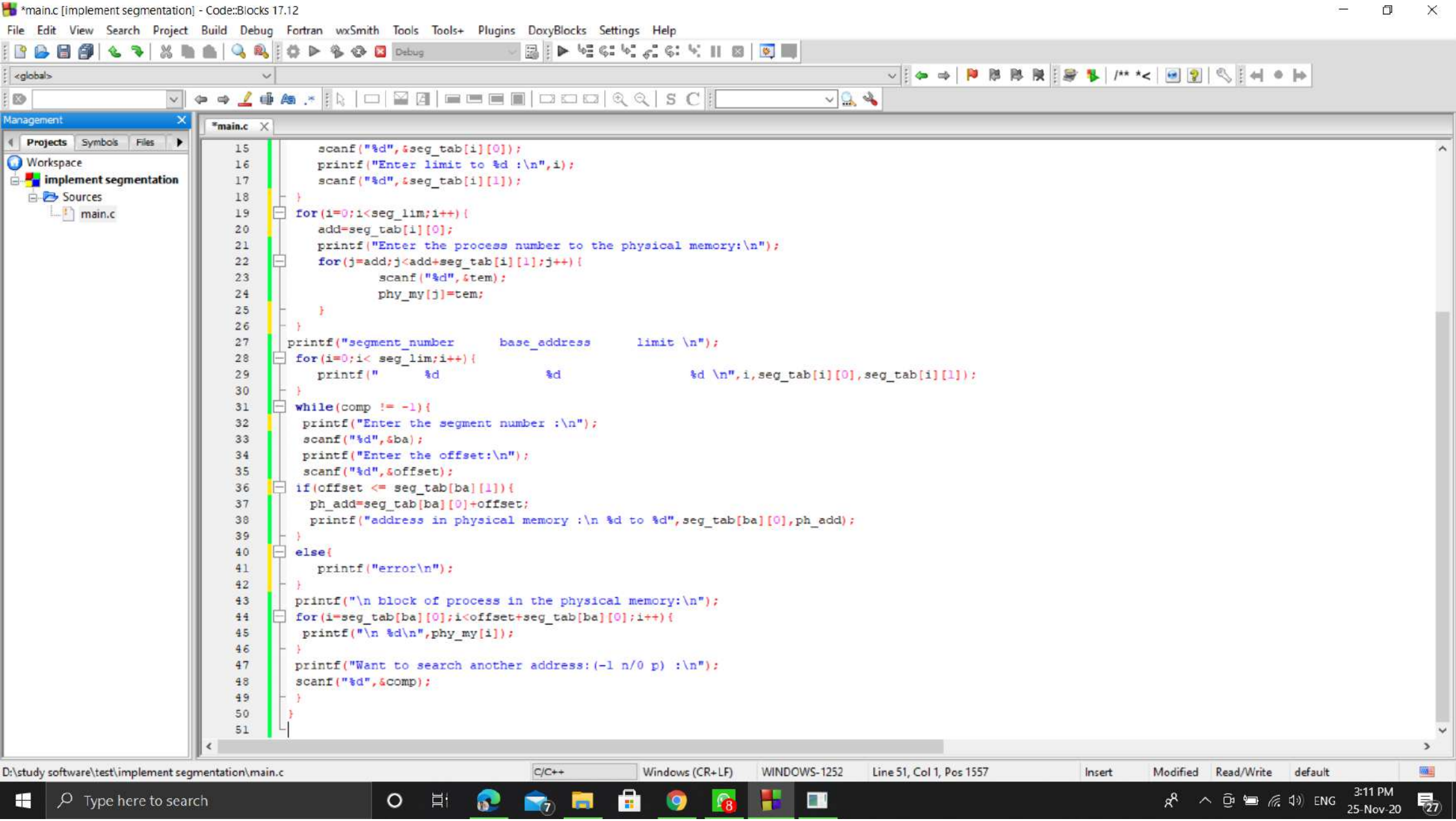

*main.c [implement segmentation] - Code::Blocks 17.12
File Edit View Search Project Build Debug Fortran wxSmith Tools Tools+ Plugins DoxyBlocks Settings Help
Management
Projects Symbols Files
Workspace
implement segmentation
Sources
main.c
*main.c
#include<stdio.h>
void main(){
int seg_tab[60][2],phy_my[100];
int ba,comp=0,size,offset,p=0,seg_lim,i=0,j=0,phy_lim,add,log_add,count=0,ph_add=0,tem=0;
printf("Enter the number of segment number: \n");
scanf("%d",&seg_lim);
printf("Enter the number of physical space: \n");
scanf("%d",&phy_lim);
printf("Enter the value to segment table: \n");
for(i=0;i<phy_lim;i++){
phy_my[i]=-1;
}
for(i=0;i<seg_lim;i++){
printf("Enter base address to %d :\n",i);
scanf("%d",&seg_tab[i][0]);
printf("Enter limit to %d :\n",i);
scanf("%d",&seg_tab[i][1]);
}
for(i=0;i<seg_lim;i++){
add=seg_tab[i][0];
printf("Enter the process number to the physical memory:\n");
for(j=add;j<add+seg_tab[i][1];j++){
scanf("%d",&tem);
phy_my[j]=tem;
}
}
printf("segment_number base_address limit \n");
for(i=0;i< seg_lim;i++){
printf(" %d %d %d \n",i,seg_tab[i][0],seg_tab[i][1]);
}
while(comp != -1){
printf("Enter the segment number :\n");
scanf("%d",&ba);
printf("Enter the offset:\n");
scanf("%d",&offset);
if(offset <= seg_tab[ba][1]){
ph_add=seg_tab[ba][0]+offset;
D:\study software\test\implement segmentation\main.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 51, Col 1, Pos 1557
Insert
Modified
Read/Write
default
Type here to search
ENG
3:11 PM
25-Nov-20


"D:\study software\test\implement segmentation\bin\Debug\implement segmentation.exe"
2
Enter base address to 3 :
3
Enter limit to 3 :
4
Enter the process number to the physical memory:
5
5
6
Enter the process number to the physical memory:
6
66
Enter the process number to the physical memory:
6
6
Enter the process number to the physical memory:
6
6
6
6
segment_number base_address limit
0 4 3
1 3 2
2 1 2
3 3 4
Enter the segment number :
6
Enter the offset:
2
address in physical memory :
1 to 3
block of process in the physical memory:
6
6
Want to search another address:(-1 n/0 p) :
-1
Process returned -1 (0xFFFFFFFF) execution time : 46.480 s
Press any key to continue.
Type here to search
ENG
3:10 PM
25-Nov-20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Management
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Workspace
implement segmentation
Sources
main.c
*main.c
scanf("%d",&seg_tab[i][0]);
printf("Enter limit to %d :\n",i);
scanf("%d",&seg_tab[i][1]);
}
for(i=0;i<seg_lim;i++){
add=seg_tab[i][0];
printf("Enter the process number to the physical memory:\n");
for(j=add;j<add+seg_tab[i][1];j++){
scanf("%d",&tem);
phy_my[j]=tem;
}
}
printf("segment_number base_address limit \n");
for(i=0;i< seg_lim;i++){
printf(" %d %d %d \n",i,seg_tab[i][0],seg_tab[i][1]);
}
while(comp != -1){
printf("Enter the segment number :\n");
scanf("%d",&ba);
printf("Enter the offset:\n");
scanf("%d",&offset);
if(offset <= seg_tab[ba][1]){
ph_add=seg_tab[ba][0]+offset;
printf("address in physical memory :\n %d to %d",seg_tab[ba][0],ph_add);
}
else{
printf("error\n");
}
printf("\n block of process in the physical memory:\n");
for(i=seg_tab[ba][0];i<offset+seg_tab[ba][0];i++){
printf("\n %d\n",phy_my[i]);
}
printf("Want to search another address:(-1 n/0 p) :\n");
scanf("%d",&comp);
}
}
D:\study software\test\implement segmentation\main.c
C/C++
Windows (CR+LF)
WINDOWS-1252
Line 51, Col 1, Pos 1557
Insert
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Read/Write
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