

C selection.c > ARSIZE

```
1  #include <stdio.h>
2  #include <stdlib.h>
3  #include <time.h>
4  #define ARSIZE 5000
5  int main() {
6      int a[ARSIZE];
7      clock_t start,end;
8
9
10     for(int i=0;i<ARSIZE;i++)
11         a[i]=rand();
12
13
14
15     int s=0,min;
16     start=clock();
17     for(int i=0;i<ARSIZE;i++) {
18         min=32767;
19         for(int j=i;j<ARSIZE;j++) {
20             if(a[j]<=min) {
21                 min=a[j];
22                 s=j;
23             }
24             else
25                 continue;
26         }
27         int temp=a[i];
28         a[i]=min;
29         a[s]=temp;
30     }
31     end=clock();
32
33     printf("Time is %f", (((double)end-start))/CLOCKS_PER_SEC);
34 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Windows PowerShell

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```
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> cd "c:\Users\PUNEETH K\OneDrive\Desktop\ADA\" ; if ($?) { gcc selection.c -o selection
Time is 0.040000
```

```
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> █
```

: Code

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```
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> cd "c:\Users\PUNEETH K\OneDrive\Desktop\ADA\" ; if ($?) { gcc selection.c -o selection } ; if ($?) { echo Time is 0.055000 }  
Time is 0.055000  
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA>
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: Code

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```
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> cd "c:\Users\PUNEETH K\OneDrive\Desktop\ADA\" ; if ($?) { gcc selection.c -o selection } ; if ($?) { .\selection
Time is 0.040000
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> █
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: Code



Windows PowerShell

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```
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> cd "c:\Users\PUNEETH K\OneDrive\Desktop\ADA\" ; if ($?) { gcc selection.c -o selection } ; if ($?) { .\selection }
```

Time is 0.039000

```
PS C:\Users\PUNEETH K\OneDrive\Desktop\ADA> █
```