

```
C exp8passbyref.c > ...
1
2 #include <stdio.h>
3
4 void updateValues(int *a, int *b) {
5     *a += 10;
6     *b *= 2;
7 }
8
9 int main() {
10    int x = 5, y = 3;
11    updateValues(&x, &y);
12    printf("Updated x: %d, Updated y: %d\n", x, y);
13    return 0;
14 }
15
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE PORTS

```
PS C:\Users\abiga\OneDrive\Desktop\Absproj> cd "c:\Users\abiga\OneDrive\Desktop\Absproj\" ; if ($?) { gcc exp8passbyref.c -o exp8passbyref } ; if ($?) { .\exp8pa
Updated x: 15, Updated y: 6
PS C:\Users\abiga\OneDrive\Desktop\Absproj> █
```

3. Write a function that accepts pointers as parameters.
Pass variables by reference using pointers & modify their
values within the function.

```
#include <stdio.h>

void updateValues (int *a, int *b) {
    *a += 10;
    *b *= 2;
}

int main () {
    int x = 5, y = 3;
    updateValues (&x, &y);
    printf ("Updated x : %d, updated y: %d\n", x, y);
    return 0;
}
```