

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;
```

```
}
```