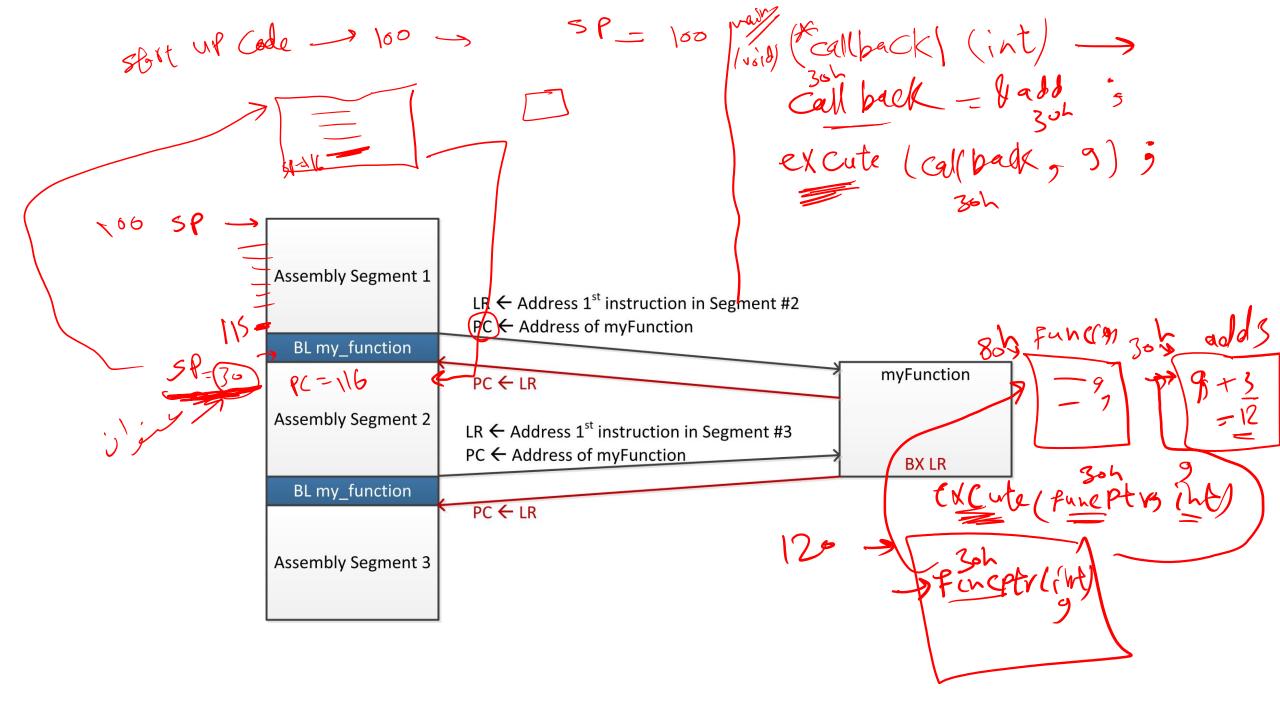
Session 10

Mostafa Akram

4. Function Pointers

```
int (*ptr)(int, char);
```



• 5. Double Pointers

```
datatype ** pointer_name;
```

```
*pointer_name; // get the address stored in the inner level pointer 
**pointer_name; // get the value pointed by inner level pointer
```

Types of Pointers in C • 5. Double Pointers

```
HOT PTY = 2022

How

How
                                     How Pointer Works in C+
**PtyPty ?
                         Int var = 10;
                       •int*ptr = &var;
                           *ptr = 20;
```

Ptr x Ptr

• 6. NULL Pointer

```
data_type *pointer_name = NULL;
    or
pointer_name = NULL
```

• 7. Void Pointer

```
void * pointer_name;
```

• 8. Wild Pointers

```
int *ptr;
char *str;
```

• 9. Constant Pointers

```
data_type * const pointer_name;
```

Task

Links