

Test in Lab This week.

Dynamic Memory

- 3 types of memory
(From a C programmers P.O.V.)

- Stack memory (Automatic memory)

- Static memory

```
int val1;
```

```
int main ( )  
{  
  ...  
}
```

```
void f1 ( )  
{  
  static int val2;  
  ...  
}
```

- dynamic memory
in C: malloc(), free()

```
void * malloc ( unsize mem int );
```

double * dptr;

dptr = (double *) malloc
(size of (double));

* dptr = 7.285;

free (dptr);