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Friday
070-295 • Week 10

MARCH

11-03-2011

M	T	W	T	F	S	S
•	1	2	3	4	5	6
7	8	9	10	11	12	13
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28	29	30	31	•	•	•

44. Write a function using pointers to exchange the values stored in two locations in the memory.

Appointments Meetings

```
void exchange (int *, int *); /* prototype */
```

```
main ()
```

```
{
```

```
int x, y;
```

```
x = 100;
```

```
y = 200;
```

```
printf("Before exchange : x = %d y = %d\n", x, y);
```

```
exchange (&x, &y); /* call */
```

```
printf("After exchange : x = %d y = %d\n", x, y);
```

```
}
```

```
exchange (int *a, int *b)
```

```
{
```

```
int t;
```

```
t = *a; /* Assign the value of address a to t */
```

```
*a = *b; /* put b into a */
```

```
*b = t; /* put t into b */
```

```
}
```

OUTPUT:

Before exchange : x = 100 y = 200

After exchange : x = 200 y = 100