

```
/**** Program to Illustrate the Concept of Pointers *****/
```

```
#include <stdio.h>
```

```
main()
```

```
{
```

```
    int a = 10;
```

```
    int *p;
```

```
    p = &a;
```

```
    printf("\nAddress of a: %u", &a);
```

```
    printf("\n\nAddress of a: %u", p);
```

```
    printf("\n\nAddress of p: %u", &p);
```

```
    printf("\n\nValue of p: %d", p);
```

```
    printf("\n\nValue of a: %d", a);
```

```
    printf("\n\nValue of a: %d", *(&a));
```

```
    printf("\n\nValue of a: %d", *p);
```

```
    getch();
```

```
}
```