

16) Write a program to swap the values of two variables.

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

```
void main()
```

```
{
```

```
int a, b, t;
```

```
clrscr();
```

```
printf("\n Enter values for a and b:");
```

```
scanf("%d %d", &a, &b);
```

```
printf("\n\n\n values of a and before swap are:");
```

```
printf("\n a = %d \n b = %d", a, b);
```

```
t = a;
```

```
a = b;
```

```
b = t;
```

```
printf("\n\n\n values of a and after swap are:");
```

```
printf("\n a = %d \n b = %d", a, b);
```

```
getch();
```

```
}
```