

Question No-6:

//PROGRAM TO SWAP TWO VARIABLES WITHOUT USING THIRD VARIABLE

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

```
int main()
```

```
{
```

```
    int A,B;
```

```
    A=B=0;
```

```
    A=10;
```

```
    B=20;
```

```
    printf("the value of A and B are %d and %d\n",A,B);
```

```
    B=B-A;
```

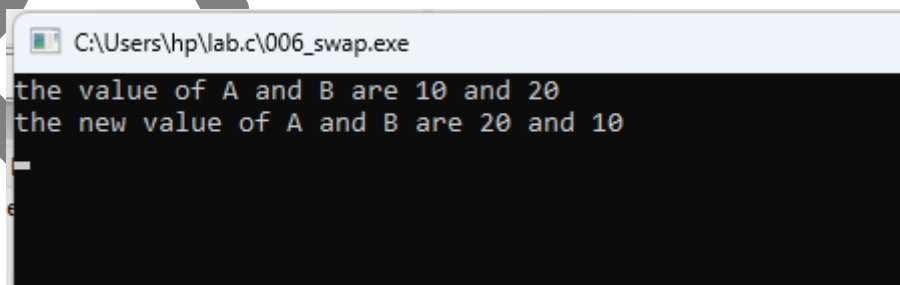
```
    A=A+B;
```

```
    printf("the new value of A and B are %d and %d\n",A,B);
```

```
    getch();
```

```
    return 0;
```

```
}
```



```
C:\Users\hp\lab.c\006_swap.exe
the value of A and B are 10 and 20
the new value of A and B are 20 and 10
```