Given the following code segment, identify the output once the execution is completed.

```
#include<stdio.h>
int main()
{
        int list[4]={1,2,3,4};
        int x, *p=list;                 //p-->[0] = 1

        list[2] = 5;                    //replace 3 with 5.
        for(x=0;x<4;x++)
                printf("%d ", list[x]);         // {1,2,5,4}.
        printf("\n");

        *(p+2)=7;                       //p-->[0+2]=[2] = 7
        for(x=0;x<4;x++)
                printf("%d ", list[x]);         // {1,2,7,4}.
        printf("\n");

        p[2]=6;                         //p[2]-->list[2] = 6
        for(x=0;x<4;x++)
                printf("%d ", list[x]);         // {1,2,6,4}.
        printf("\n");

        *(list+2)=5;                    //list[0+2]=[2]= 5
        for(x=0;x<4;x++)
                printf("%d ", list[x]);         // {1,2,5,4}.
        printf("\n");

        return 0;
}
```

[0]	[1]	[2]	[3]
1	2	3	4

[0]	[1]	[2]	[3]
1	2	~~3~~ **5**	4

[0]	[1]	[2]	[3]
1	2	~~5~~ **7**	4

[0]	[1]	[2]	[3]
1	2	~~7~~ **6**	4

[0]	[1]	[2]	[3]
1	2	~~6~~ **5**	4

Output:

1 2 5 4

1 2 7 4

1 2 6 4

1 2 5 4