C Language Problem – 91

Instructions:

1. Do not discuss with any one while solving the problems
2. Do not use internet while solving the problems
3. Do not use books while solving the problems
4. Do not try to copy from others
5. Do the problems in an easy way.

What is the Output?

```c
#include <stdio.h>
int add(int *x, int *y);
int main()
{
        int a,b,c;
        a = 10;
        b = 20;
        c = add(&a,&b);
        printf("%d",c);
}
int add(int *x, int *y)
{
        int z;
        *x = 21;
        *y = 33;
        z = *x + *y;
        return z;
}
```

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C Language Problem – 92

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What is the Output?

```c
#include <stdio.h>
int add(int *x, int *y, int *z);
int main()
{
        int a,b,c;
        a = 10;
        b = 20;
        add(&a,&b,&c);
        printf("%d",c);
}
int add(int *x, int *y, int *z)
{
        *z = *x + *y;
}
```

C Language Problem – 93

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What is the Output?

```c
#include <stdio.h>
int add(int *x, int *y, int *z);
int a,b,c;
int main()
{
        int a,b,c;
        a = 10;
        b = 20;
        add(&a,&b,&c);
        printf("%d",c);
}
int add(int *x, int *y, int *z)
{
        *z = *x + *y;
}
```

C Language Problem – 94

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What is the Output?

```c
#include <stdio.h>
int add(int *x);
int a,b,c;
int main()
{
        int a[3];
        a[0] = 12;
        a[1] = 21;
        add(a);
        printf("%d",a[2]);
}
int add(int *x)
{
        *(x+2) = *(x+0) + *(x+1);
}
```

C Language Problem – 95

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What is the Output?

```c
#include <stdio.h>
int ps(char *s);
int main()
{
        char s[] = "Surabee";
        ps(s);
}
int ps(char *p)
{
        while(*p)
        {
                printf("%c",*p++);
        }
}
```

C Language Problem – 96

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5. Do the problems in an easy way.

What is the Output?

```c
#include <stdio.h>
int sp(char *s,char *d);
int main()
{
        char s[10] = "Surabee";
        char d[10];
        sp(s,d);
        printf("%s",d);
}
int sp(char *src,char *dst)
{
        while(*src)
        {
                *dst = *src;
                dst = dst+1;
                src = src+1;
        }
}
```

C Language Problem – 97

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5. **Do the problems in an easy way.**

What is the Output?

```c
#include <stdio.h>
int sp(char *s,char *d);
int main()
{
        char s[10] = "Surabee";
        char d[10];
        sp(s,d);
        printf("%s",d);
}
int sp(char *src,char *dst)
{
        while(*src)
        {
                *dst++ = *src++;
        }
        *dst = 0;
}
```

C Language Problem – 98

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What is the Output?

```c
#include <stdio.h>
int sc(char *s,char *d);
int main()
{
        char s[20] = "Surabee ";
        char d[10] = "School";
        sc(s,d);
        printf("%s",s);
}
int sc(char *src,char *dst)
{
        while(*src)
        {
                *src++;
        }
        while(*dst)
        {
                *src++ = *dst++;
        }
        *dst = 0;
}
```

C Language Problem – 99

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What is the Output?

```c
#include <stdio.h>
int sm(char *s,char *d);
int main()
{
        char s[20] = "Surabee";
        char d[10] = "Surabee ";
        if(sm(s,d) == 1)
        {
                printf("Both the strings are equal\n");
        }
        else
        {
                printf("Both the strings are not equal\n");
        }
}
int sm(char *src,char *dst)
{
        while(*src)
        {
                if(*src++ != *dst++)
                {
                        return(0);
                }
        }
        if(*dst != 0)
        {
                return(0);
        }
        return(1);
}
```

C Language Problem – 100

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What is the Output?

```c
#include <stdio.h>
int sr(char *s,char *d);
int main()
{
        char s[10] = "Surabee";
        char d[10];
        sr(s,d);
        printf("%s",d);
}
int sr(char *src,char *dst)
{
        int i=0;
        while(*(src+i) != 0) i++;
        while(i)
        {
                *dst++ = *(src + i - 1);
                i--;
        }
        *dst = 0;
}
```