

Set – 6 Group 15:

Solve 1:

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

```
int main()
```

```
{
```

```
    int a[] = {5, 2, 7, 12, 9};
```

```
    int b[] = {1, 3, 7};
```

```
    int len_a = sizeof(a) / sizeof(a[0]);
```

```
    int len_a_b = len_a + (sizeof(b) / sizeof(b[0]));
```

```
    for (int i = (len_a); i < len_a_b; i++)
```

```
    {
```

```
        a[i] = b[i - len_a];
```

```
    }
```

```
    for (int j = 0; j < len_a_b; j++)
```

```
    {
```

```
        printf("%d ", a[j]);
```

```
    }
```

```
    return 0;
```

```
}
```

Solve 2:

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

```
int main()
```

```
{
```

```
    float a;
```

```
    printf("Enter a number: ");
```

```
    scanf("%f", &a);
```

```
    while (a >= 3)
```

```
    {
```

```
        a = a / 3;
```

```
    }
```

```
    if (a == 1.00)
```

```
    {
```

```
        printf("Power of 3\n");
```

```
    }
```

```
    else
```

```
    {
```

```
        printf("Not power of 3\n");
```

```
    }
```

```
    return 0;
```

```
}
```