

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

```
#define K 4
```

```
int main()
```

```
{
```

```
    //questao 1
```

```
    int vector [K], i,j, soma=0;
```

```
    //preenchendo o vetor
```

```
    for(i=0; i<K; i++){
```

```
        printf("Entrando com valor %d do vetor \n", i);
```

```
        scanf("%d", &vector[i]);
```

```
    }
```

```
    //mostrando o vetor
```

```
    for(i=0; i<K; i++){
```

```
        printf("Os valore entrados são %d \n", vector[i]);
```

```
    }
```

```
    for(i=0; i<K/2; i++){
```

```
        soma = soma+vector[i];
```

```
    }
```

```
    for(i=(K/2), j=0 ; i<K, j<(K/2); i++, j++){
```

```
        vector[i] = vector[j] - soma;
```

```
    }
```

```
    printf("Soma %d \n", soma);
```

```
    for(i=0; i<K; i++){
```

```
        printf("Os valores preenchidos são: %d \n", vector[i]);  
    }  
  
    return 0;  
}
```