

D.c

```
// d) Write C program to allow the user to enter values of 2 resistors, then define  
// and execute a function named "parallel" to print the equivalent parallel  
// resistance of the entered resistors. Use return argument function.
```

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

```
float parallel(float v1, float v2)  
{  
    float result = (v1*v2)/(v1+v2);  
    return result;  
}
```

```
int main()  
{  
    float r1;  
    float r2;  
  
    printf("Enter the first resistance: ");  
    scanf("%f", &r1);  
    printf("Enter the second resistance: ");  
    scanf("%f", &r2);  
  
    printf("R1 // R2 = %f", parallel(r1, r2));  
}
```