

Write a program that performs the following tasks:

1. Input a real numbers x .

2. Calculate $f(x) = \begin{cases} \frac{x^2+2\sqrt{x}}{x-2} & \text{if } x > 0 \text{ and } x \neq 2 \\ 1 & \text{otherwise} \end{cases}$

```
Enter x = 3
Output f(x) = 12.464102
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Process exited after 2.203 seconds with return value 0
Press any key to continue . . .
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```
Enter x = -1
Output f(x) = 1.000000
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Process exited after 2.106 seconds with return value 0
Press any key to continue . . .
```