

- PRD

- Software title
Scientific calculator
- Background and motivation of this software (you need to tell your users the overall context of this software and why you design this software)
 - 1.Ubuntu (64-bit)
 - 2.It makes the operation easier, and calculates the correlation value in a more concise and professional way, occupies less memory and effectively improves the efficiency of operation
- Key functions of the software
Matrix operation, deal statistical data, draw function image, temperature unit conversion, complex operation.
- Algorithm/scientific methods behind your software (e.g., if you design a U-value calculator, the methods will be what you have learnt in PCM class)

Function 1 Input vector in three ways

Function 2 Input matrix, divided into four matrices

Function 3 Matrix, vector operation function

Function 4 Data characteristic value analysis function: divided into
input data, calculate the mean value, calculate the variance,
calculate the median three functions

Function 5

Plot sine function

Plot the cosine function

Plot a standard normal distribution

Function 6 Temperature unit conversion

Function 7 Complex operation

- Similar products in the market
Matlab
Spss
Microsoft Mathematical