

基本功能测试方案

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2022 年 6 月 2 日

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p.s. 点击目录进行跳转:)

1 正常输入

输入 1: 123123124132452351345123413521341324*3413241340324123784571932874

输出 1: 420248937238745134153510177991568300037542274470401219770285176

图 1: 普通计算

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-----
Please select a function:
1--Basic Function: calculate the expression.
2--Advanced Function: multiple two large numbers.
2
Advanced Func Mode.
Please enter the multiplication expression(e.g. 2 * 3):
123123124132452351345123413521341324*3413241340324123784571932874
The result is:
420248937238745134153510177991568300037542274470401219770285176
Press any key to continue . . . .
```

输入 2: 见图片

输出 2: 见图片

图 2: 较长数据测试

```
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Please select a function:
1--Basic Function: calculate the expression.
2--Advanced Function: multiple two large numbers.
2
Advanced Func Mode.
Please enter the multiplication expression(e.g. 2 * 3):
139327881437416341156778423313921168106754366416838291072191954238831747704513060582379438131005966698556104162194398766726383549435047473035603805530560773407353542077
2349753589421486159227177928525496065997612337560531604307960720941183279732034120182360627707223082571818169053009845064985472859886825542548598215064367174959655479
452470831341656737688965213321877841648960840487637319468042170629800873811524926183615448197820918451268231161366907711284062317875627250284422330254229052289745991825
1439928048019342072097417894619167912612564504962684020140225224794521837208932855354808237857271086369091708233861222615710313950726106637378376736923814999684212792470
5853808936918064642847176930107932646909763345109806643938860257300772136531219068851247235750955436680743960917376443669296620344929938271590339898392823179056984554
4277119327153824475174601924214717007737396646431660317240747599642009002494910649810572400298179012634172644363625806268599852536870702475361334410604756973158184
3078038102196824210039352524039670198902135118258619084528934440625822551702612312435632914625883972292253149476868917504915073131030063410015691377092774102841774
033413297366914711162082616153528743304032439118294079473008195412384472242172861834697195547761428443846496000992915472503494504651328656100701429425728932453660252481
6545242263401747692027343484872719195691299165289127289338697249056625111640714460808053023307315846310668481694123145036336755568570499975406789698803793452275302701
843478516239006516513006975796113845125468605185735454714559234995332785766747982361770543631431833355500186550911213524894399044685094416989421231205912504416614528049
8789755055167321703944029891432248332556734931733980173764799245545320715055166587606777275890520550005390229009657967664052951707016266198134343452826061726503824786
717559066794285694159383253131676244577340185112306675680028274190970312285802149660246728574784971156378620235525644449582728294360430756944346658331
The result is:
138508950783151161614727157880257272350515715379473415922111902928527459045213168778492002967878855597459319546271709721945347744002354546601369271846461434274152458
2241396174385397835456951894118477446582510875675238542543028988152818461500785246948969665433410258204831412564116596978320452477992742244648897324002936823108930449
132242333930957619043046858809938192998101706102759570959207046178480959682996893479892601739954264170293438954531031749427963434924750987289800960062584102910156033995
85386450435294270522585436576751916857855092587814001210833062224092672669070774157317971523546266420005179664240531169408543640821042136649451228048546190653427166111
55993847117094791640881402795151007796238952110267482542376624512077717047306370979188486268668504203894028354072521212496890462882515763971309284893167394182547749167
5247218306236076251659282622324358625652189129579721186481576624493311239085472414026089953114282972506363821507183559680531376292153345724639270878529217059219
648338451256221262771080574664345410263367947734466011617797484992764783014977253729521174288703156193721899341785970428260848860498891231805975566127094283612773042173
7112958285055503816720158823489551219720371667067596109422582370736913472550642508030708180053717391114724519848564553357096223173398822614772291580737372877073209268
6584067382467255956083692136052597657538469021674381996081036568135733375919099985706886831389680422678537596954644340980824524185310914299806737697560550490635978622
46153213019473235648988005119163512410406704938912791540226716791692954130947099419503840592353813677074126922211442685972883860761429407705114707346665507413537881218
279065679272746595285979944165482193122914090120274925536421117783553173363661067941754802725982338795524957938958864673419237977714158036752033133854627400033489719
28666055178128536697231665275657569072566890540590310351016301448649581403900772719361870507502960653406939345332872806503715202204277415622236
Press any key to continue . . . .
```

2 鲁棒性测试

输入 3:

输出 3: Please enter the expression!

图 3: 不输入

```
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-----  
Please select a function:  
1--Basic Function: calculate the expression.  
2--Advanced Function: multiple two large numbers.  
2  
Advanced Func Mode.  
Please enter the multiplication expression(e.g. 2 * 3):  
  
Please enter the expression!  
Press any key to continue . . . █
```

输入 4: 123 *

输出 4: Please enter the second multiplier!

图 4: 缺少第二个乘数

```
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-----  
Please select a function:  
1--Basic Function: calculate the expression.  
2--Advanced Function: multiple two large numbers.  
2  
Advanced Func Mode.  
Please enter the multiplication expression(e.g. 2 * 3):  
123*  
Please enter the second multiplier!  
Press any key to continue . . . █
```

输入 5: * 123

输出 5: Please enter the first multiplier!

图 5: 缺少第一个乘数

```
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-----  
Please select a function:  
1--Basic Function: calculate the expression.  
2--Advanced Function: multiple two large numbers.  
2  
Advanced Func Mode.  
Please enter the multiplication expression(e.g. 2 * 3):  
* 123  
Please enter the first multiplier!  
Press any key to continue . . . █
```

输入 6: 123 * 456 * 789

输出 6: You can ONLY multiply two numbers!

图 6: 多个数相乘

```
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-----  
Please select a function:  
1--Basic Function: calculate the expression.  
2--Advanced Function: multiple two large numbers.  
2  
Advanced Func Mode.  
Please enter the multiplication expression(e.g. 2 * 3):  
123 * 456 * 789  
You can ONLY multiply two numbers!  
Press any key to continue . . . █
```

输入 7: 123 + 456

输出 7: You can ONLY enter multiplication signs or numbers!

图 7: 输入非乘法表达式

```
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-----  
Please select a function:  
1--Basic Function: calculate the expression.  
2--Advanced Function: multiple two large numbers.  
2  
Advanced Func Mode.  
Please enter the multiplication expression(e.g. 2 * 3):  
123 + 456  
You can ONLY enter multiplication signs or numbers!  
Press any key to continue . . . █
```