

Raptor - add.sub.mul.rap

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80%

Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD; Start([Start]) --> GETa[/enter the a value  
GET a/]; GETa --> GETb[/enter the b value  
GET b/]; GETb --> PUTadd[/PUT "add"="(a+b)"f/]; PUTadd --> PUTsub[/PUT "sub"="(a-b)"f/]; PUTsub --> PUTmul[/PUT "mul"="(a*b)"f/]; PUTmul --> End([End]);
```

a: 7
b: 8

MasterConsole

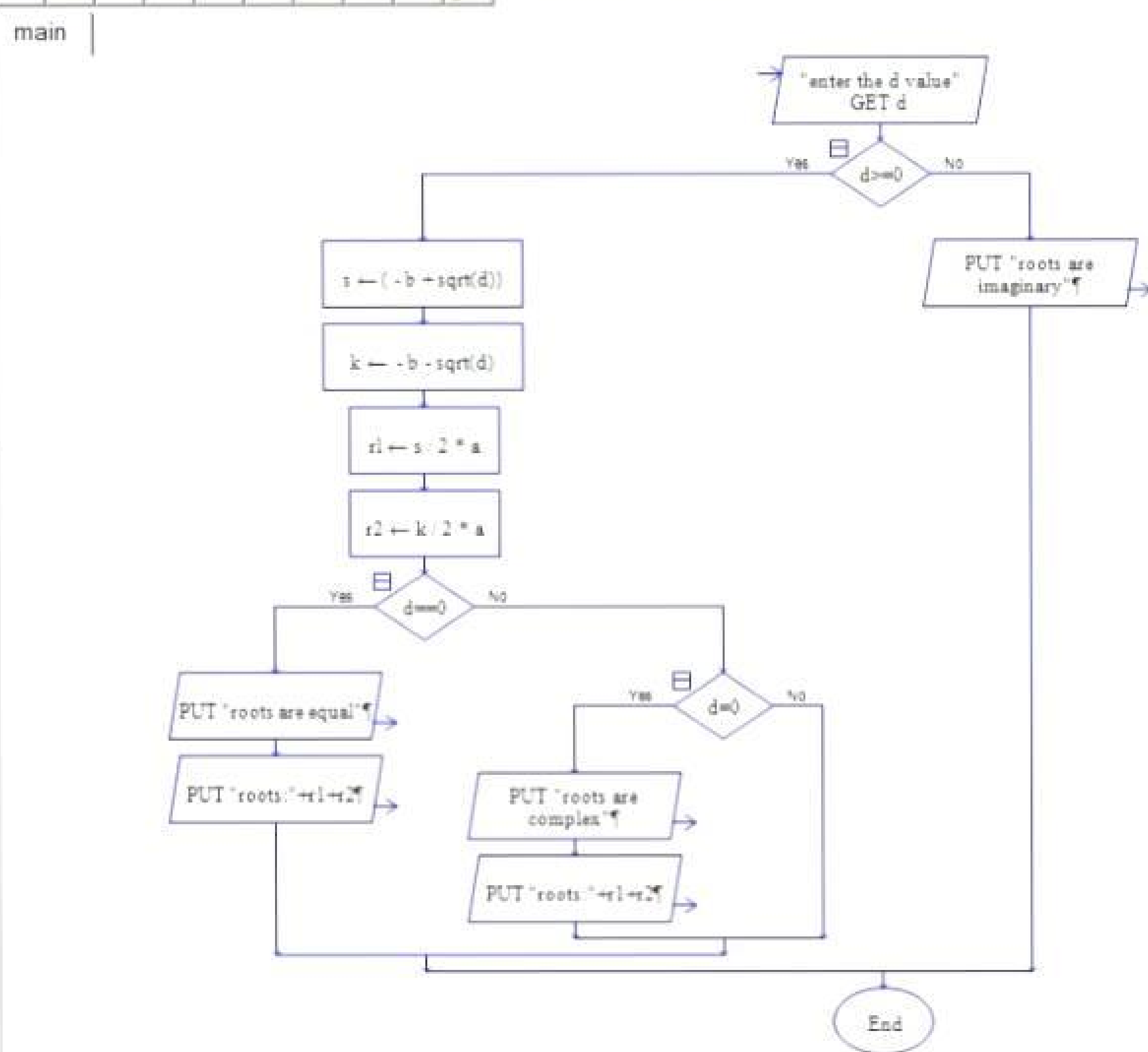
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add=15
sub=-1
mul=56
----Run complete. 7 symbols evaluated.----

Clear

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32°C Cloudy 14:07 08-10-2022



MasterConsole

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----Run complete. 13 symbols evaluated.----

Clear

Raptor - reverse.rap

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Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD; Start([Start]) --> Input[/enter the number GET n/]; Input --> SumAssign[sum ← 0]; SumAssign --> Loop((Loop)); Loop --> Decision{n=0}; Decision -- Yes --> Output[/PUT reverse of the number sum/]; Output --> End([End]); Decision -- No --> RAssign[r ← n%10]; RAssign --> SumCalc[sum ← sum*10 + r]; SumCalc --> NAssign[n ← floor(n/10)]; NAssign --> Loop;
```

n: 0
r: 5
sum: 5

MasterConsole

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reverse of the number:7
----Run complete. 12 symbols evaluated.----
reverse of the number 5
----Run complete. 12 symbols evaluated.----

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Raptor - odd position.rap

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Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD; Start([Start]) --> GETa[/enter the a value<br/>GET a/]; GETa --> GETb[/enter the b value<br/>GET b/]; GETb --> PUTadd[/PUT "add" = (a+b)/]; PUTadd --> PUTsub[/PUT "sub" = (a-b)/]; PUTsub --> PUTmul[/PUT "mul" = (a*b)/]; PUTmul --> End([End]);
```

a: 6
b: 7

MasterConsole

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```
add=13  
sub=-1  
mul=42  
----Run complete. 7 symbols evaluated.----
```

Clear

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Raptor - name.program.name.rap

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Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD; Start([Start]) --> GET_eno[/enter the number  
GET eno/]; GET_eno --> GET_name[/enter the name  
GET name/]; GET_name --> GET_pname[/enter the program  
name  
GET pname/]; GET_pname --> PUT_myname[/PUT my name  
is:~name/]; PUT_myname --> PUT_enroll[/PUT the enrollment  
number:~enr/]; PUT_enroll --> PUT_programname[/PUT the program  
name is:~pname/]; PUT_programname --> End([End]);
```

eno: 7
name: "rat"
pname: "cse"

MasterConsole

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my name is rat
the enrollment number: 7
the program name is: cse
----Run complete. 8 symbols evaluated.----

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08-10-2022

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Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD; Start([Start]) --> GETa[/enter the a value  
GET a/]; GETa --> GETb[/enter the b value  
GET b/]; GETb --> GETc[/enter the c value  
GET c/]; GETc --> GETd[/enter the d value  
GET d/]; GETd --> sum["sum ← a + b + c + d"]; sum --> product["product ← a * b * c * d"]; product --> avg["avg ← sum / 4"]; avg --> PUTsum[/PUT "sum=" + sum/]; PUTsum --> PUTproduct[/PUT "product=" + product/]; PUTproduct --> PUTavg[/PUT "average=" + avg/]; PUTavg --> End([End]);
```

a: 6
avg: 7.5000
b: 7
c: 8
d: 9
product: 3024
sum: 30

MasterConsole

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```
sum=27  
product=1512  
Variable AVERAGE not found!  
----Error, run halted----  
Can't multiply string.  
----Error, run halted----  
sum=30  
product=3024  
average=7.5000  
----Run complete. 12 symbols evaluated.----
```

Clear

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Raptor - exchange.rap

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80%

Symbols

- Assignment
- Call
- Input
- Output
- Selection
- Loop

main

```
graph TD; Start([Start]) --> GETa[/"enter a value"  
GET a/]; GETa --> GETb[/"enter b value"  
GET b/]; GETb --> temp_a[temp ← a]; temp_a --> a_b[a ← b]; a_b --> b_temp[b ← temp]; b_temp --> PUT[/PUT "exchange of a  
and b" → a←b/]; PUT --> End([End]);
```

a: 8
b: 7
temp: 7

MasterConsole

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exchange of a and b87

----Run complete. 8 symbols evaluated.----

Clear

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32°C Cloudy

ENG

13:52
08-10-2022