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CDS 251

04/23/2020

Lab 11 and Homework 11

Lab 11

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rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ gfortran Lab11.f95 -o Lab11

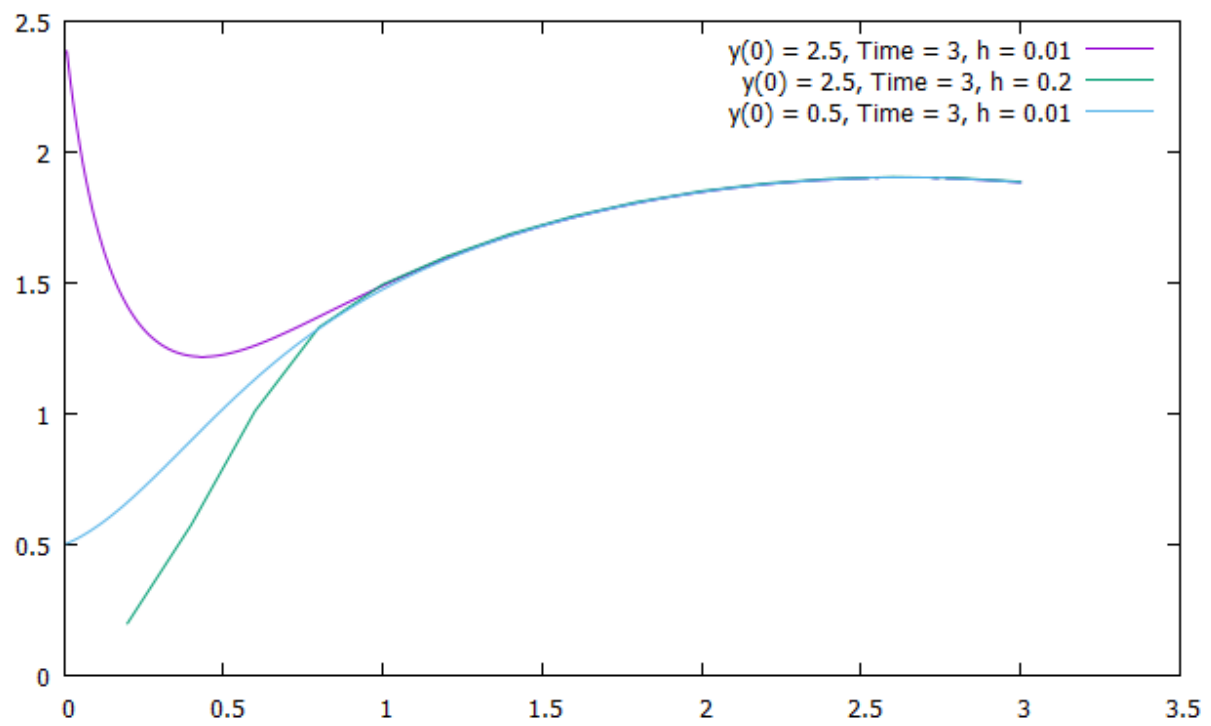
rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Lab11
What is the initial value of y. (y0):
2.5
What is the step size:
0.01
How long would you like to run for:
3
Please enter an output file name:
output25.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Lab11
What is the initial value of y. (y0):
0.5
What is the step size:
3
How long would you like to run for:

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Lab11
What is the initial value of y. (y0):
0.5
What is the step size:
0.01
How long would you like to run for:
3
Please enter an output file name:
output05.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Lab11
What is the initial value of y. (y0):
2.5
What is the step size:
0.2
How long would you like to run for:
3
Please enter an output file name:
output25-02.txt
```

Lab 11 Output



Homework 11

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rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ gfortran Homework11.f95 -o Homework11

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
0.0
Please enter an output file name:
output00.txt
Done, output in file=output00.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
0.4
Please enter an output file name:
output04.txt
Done, output in file=output04.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
0.8
Please enter an output file name:

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
0.8
Please enter an output file name:
output08.txt
Done, output in file=output08.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
1.0
Please enter an output file name:
output10.txt
Done, output in file=output10.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
1.2
Please enter an output file name:
output12.txt
Done, output in file=output12.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
1.6
Please enter an output file name:
output16.txt
Done, output in file=output16.txt

rcpay@DESKTOP-5BTN7NH /cygdrive/c/users/rcpay/documents/college/cds 251
$ ./Homework11
What is the initial value of y. (y0):
2.0
Please enter an output file name:
output20.txt
Done, output in file=output20.txt
```

Homework 11 Output

