```
tstart1 = 153.0300

f1(x) =
```

$$x^2 - 4\,e^{-x} - 3$$

```
1.897333 is the root obtained by Newtons Method

tEnd1 = 2.8000

tstart2 = 155.8600

f = function_handle with value:
    @(x)x^2-4*exp(-x)-3

1.897332 is the root obtained by Secant Method

tEnd2 = 0.0600

tstart3 = 155.9300

wfunc = function_handle with value:
    @(z,y)(y*f(z)-z*f(y))/(f(z)-f(y))

1.897332 is the root find by Regula Falsı Method

tEnd3 = 0.0800

q3 = 1.0000

tstart4 = 156.0300

1.897334 is the root obtained by fixed poit method.

root = 1.8975

root = 1.8973

1.897333 is the root obtained by Mullers method
```

table1 = 5×6 table

	Methods	cputimes	iteration_num	ConvergenceRates	RateOfConvergenceCalculated	RootsCalculated
1	"Newton Raphson "	2.8000	3	2	2.0305	1.8973
2	"Secant"	0.0600	4	1.6180	1	1.8973
3	"Regula Falsı"	0.0800	10	1	1	1.8973
4	"Fix Point"	0.2900	7	1	1	1.8973
5	"Müller"	0.7200	2	1.8400	NaN	1.8973