



```
====> Py2D.A.R.T --- The Online Python to DART command translator shell <====

--- By. Pranav Bhat T ---

Type 'help', 'developer_details', 'exit', 'constraints', for their respective pur-
poses
Do you want to read a code file and write to another ? 1
Input File Name:file.py
Output File Name:file.dart
Here is the Output File : Name ---> file.dart
-----

int nCounting<int nVal , char cFin>
{
    print<"head"> ;
    return<0>;
}

print<"helloworld"> ;
print<word1,word2> ;
for<var i=4;i < 8;i++>
{
    print<"jkj"> ;
    for<var j=0;j < 10;j++>
    {
        print<"x"> ;
        print<world> ;
    }
}

var val ;
val=4 ;
```

Screenshot to show using code files and converting whole pro- gramme from python to DART

```
C:\Python27\python.exe
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Do you want to read a code file and write to another ? 0

>>> for nVal in range(1,20):
j = 4 + 5
for dVal in range(2,5):
k = k+1
$
$
$

DART Output :
-----
for<int nVal=1;nVal < 20;nVal++>
{

var j ;
j = 4 + 5 ;

    for<double dVal=2;dVal < 5;dVal++>
    {

var k ;
k = k+1 ;

    }
}

>>>
```

Screenshot to show using block based instructions with the use of \$ as end delimiters

```
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poses
Do you want to read a code file and write to another ? 0

>>> print "hello world"
Python Input :  print "hello world"
DART Output :  print<"hello world"> ;

>>> print nVar
Python Input :  print nVar
DART Output :  print<nVar> ;

>>> print 'bye bye world'
Python Input :  print 'bye bye world'
DART Output :  print<'bye bye world'> ;

>>> exit

-----
Thank You for using Py2D.A.R.T
-----
```

Screenshot to show using single line codes for translation