

ECOO Round 2 QUESTIONS

April 28, 2012

Problem 1: Prime Time

FIRST TRY

Suggested Marking Scheme

Input file name: DATA11.txt

Award 20 marks for each exactly correct line.

The lines below are wrapped and double-spaced for ease of reading and to fit on the page. Correct solutions must **not** be double spaced, must have only a single space between each word, and may or may not wrap when they reach the end of the output window. Allow the students to manually scroll the output if necessary.

However, if a line runs off the edge of the output window and it is not possible to scroll over to see the rest of the line, you must score 0 points for that line.

Award 10 bonus marks if all 10 lines are correct.

REMEMBER WHEN YOU WERE YOUNG? YOU SHONE LIKE THE SUN...

NOW THERES A LOOK IN YOUR EYE, LIKE BLACK HOLES IN THE SKY.

SHINE ON YOU CRAZY DIAMOND!

YOU WERE CAUGHT IN THE CROSSFIRE OF CHILDHOOD AND STARDOM, BLOWN ON THE STEEL BREEZE.

COME ON YOU RAVER, YOU SEER OF VISIONS. COME ON YOU PAINTER, YOU PIPER, YOU PRISM AND SHINE!

ECOO Round 2 QUESTIONS

April 28, 2012

Problem 1: Prime Time

SECOND TRY

Suggested Marking Scheme

Input file name: **DATA12.txt**

Award 20 marks for each exactly correct line.

The lines below are wrapped and double-spaced for ease of reading and to fit on the page. Correct solutions must **not** be double spaced, must have only a single space between each word, and may or may not wrap when they reach the end of the output window. Allow the students to manually scroll the output if necessary.

However, if a line runs off the edge of the output window and it is not possible to scroll over to see the rest of the line, you must score 0 points for that line.

ZIGGY PLAYED GUITAR, JAMMING GOOD WITH WIERD AND GILLY AND THE SPIDERS
FROM MARS.

HE PLAYED IT LEFT HAND, BUT MADE IT TOO FAR...

BECAME THE SPECIAL MAN! THEN WE WERE ZIGGYS BAND.

ZIGGY PLAYED FOR TIME, JIVING US THAT WE WERE VOODOO. THE KIDS WERE JUST
CRASS!

WHEN THE KIDS HAD KILLED THE MAN I HAD TO BREAK UP THE BAND...