

Terminal 3

WHICH OF THE FOLLOWING IS TRUE?

- 1) THE DNS PROTOCOL ALLOWS A WEB BROWSER TO FIND AN IP ADDRESS FROM A URL.
- 2) THE TCP PROTOCOL BREAKS DATA DOWN INTO PACKETS FOR TRANSMISSION (OR REASSEMBLES THEM UPON RECEIPT).
- 3) THE IP PROTOCOL PUTS APPROPRIATE "TO" AND "FROM" ADDRESSES ONTO PACKETS.
- 4) THE TCP/IP PROTOCOLS DO NOT ENCRYPT DATA, BUT TLS/SSL CAN BE USED TO ENCRYPT HTTP REQUESTS. THIS IS THE BASIS OF THE HTTPS PROTOCOL.
- 5) ALL OF THE ABOVE.

$X \leftarrow 5$

$Y \leftarrow Z * X$

$Y \leftarrow X + Y$

$Y \leftarrow Y / 3$

$X \leftarrow 1$

$ANSWER2 \leftarrow X + Y$

`convertToHex(ANSWER1 + ANSWER2)`