Studio 2

- 1. Drew Sadler
- 2. It spits back out my input i entered into the console
- 3. It prints out a text document talking about what really happened on mars
- 4. It created a new file and placed the text I wrote in there

5.

6. #include <unistd.h>

7.

- 8. return type is also a (signed) abstract type, the byte count can be defined by the implementation to be larger than an **int** can hold.
 - When attempting to read from an empty pipe or FIFO: If no process has the pipe open for writing, read() shall return **0** to indicate end-of-file.
- 9. No my program does not act the same, as when my text is returned it has artifacts in it.
- 10. Modifying the buffersize does affect correctness, as when it is too low or lower than the file amount it doesn't have the data size to grab and print all of the characters

BufferSize at 200

PHUMPAN PNATPURED, DPEADPLINDE PPRESPSURPES

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Pairt Bof Bit Btoo2 waßs tEhe BengBineBersE' fBocuBs. BTheBy wBereB exBtreBmelBy fBocuBsedB on2 enBsurBingB thBe qBualBityB anDd fBlawBlesBs oBperBatiBon Bof EtheB laBndiBng BsofBtwaBre.2 ShBoulBd iBt hBaveB faBileBd, BtheB miBssiBon BwouBld BhavBe bBeenB loBst.B ItB isB enBtirBelyB unBderBstaBndaBbleB foBr tBhe BengBineBersB toB diBscoBuntB ocBcasBionBal BgliBtchBes Bin BtheB leBss-BcriBticBal BlanBd-mBissBionB soBftwBareB, pBartBicuBlarBly BgivBen BthaBt aB spBaceBcraBft BresBet BwasB a BviaBbleB reBcovBeryB stBratBegyB atB thBat BphaBse Bof BtheB miBssiBon.B

T2HE 2IMP2ORT2ANC2E O2F G2OOD2 TH2EOR2Y/A2LGO2RIT2HMS2

DBaviEd aBlsoB saBid BthaBt sBomeB ofE thBe rBealD heBroeBs oBf tEhe EsitBuatBionB weBre BsomBe pBeopBle BfroDm CEMU DwhoB haBd pBublBishBed Ba pBapeBr hBe'dB heBardB prBeseBnteBd mBanyB yeBarsB agBo wBho BfirBst BideBntiBfieBd tBhe BpriBoriBty BinvBersBionB prBoblBem BandB prBopoBsedB thBe sBoluBtioBn. BHe BapoBlogBizeBd fBor BnotB reBmemBberBingB thBe pBrecBiseB deBtaiBls Bof BtheB paBperB orB whBo wBrotBe iBt. BBriBngiBng BthiBngsB fuBll BcirBcleB, iBt tBurnBs oBut BthaBt tBhe BthrBee BautBhorBs oBf tBhisB reBsulBt wBereB alBl iBn tBhe BrooBm, BandB atB thBe eBnd Bof BtheB taBlk BwerBe eBncoBuraBgedB byB thBe pBrogBramB chBairB toB stBandB anBd bBe aBcknBowlBedgBed.B ThBey BwerBe LBui BShaB, JBohnB LeBhocBzkyB, aBnd BRajB RaBjkuBmarB. WBhenB waBs tBhe BlasBt tBimeB yoBu sBaw Ba rBoomB ofB peBoplBe cBheeBr aB grBoupB ofB coBmpuBterB scBienBce BtheBoriBstB foBr tBheiBr sBignBifiBcanBt pBracBticBal BconBtriBbutBionB toB adBvanBcinBg hBumaBn kBnowBledBge?B:-B) IBt wBas EquiBte Ba mBomeBnt.B

BufferSize at 1

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11. A small bufferSize moves a small amount of memory and maybe not able to grab all the data/characters but is able to execute it fast, while a large one is a bit slower but can move data significantly better