13) Hereribe the steps that transform a nogram uniter in o high-level language such or C into a representation that in directly executed by a computer processor. In primeiro luga, or intrucció soo analizador, uno de codo reez, e codo instrução e consecrtido paro or comandor benorios de CPV en linguagem de maquino equirealente. De endereux relativos sos anotados de formo que quairques nottor a logra porom mer atualizador paro apartar poro o enderego correto (relativo), e or codigor burarios que representan a loop e vottor revot relatitudos pela andirecar constor. Amin, uma very que todor instructor ME a tola melega voo substitudor pla enderega real mo memo no , tolar instruccio sol gravador como lemono real em un organo executare junto com or instrucción de carego. mento lem linguagem de marins), informando o CPV onle colocor o propono executoral no menora e, em seguido, a enderce viva la programa para que a CPU railo ande real mente encontros a programa no miniore....

Arundes color Stiploy using 8 bits for each of primary colors per pixel and of home 14/0/1280 x 1024 = 1310 720 pixel rize of 12/0x 1024. 1310 970 x3 = 3932 160 byter/frame 6) 3932-160 luter x (8 lute/lente) 100 Es leite/regundo

Gabrul Catagon Faris Olineers - 20 14004 413) Considere or sequinter instruções: R-type I-type (non-ld) Lood there Branch Jump
24% 25% 10% 11% 2%. 413)1- What frotion off all instructions use data memory? 25 + 10 = 35% Apenar Lood and Store war memoriode dador 4)312-What froction of all instructions use instruction memory? 100%, je que todo instrucos preciro ser buresto no memorio de instructor enter ser executado 41313 - What fraction of all instructions use the sign extend? 28+75+10+11+7=76% Apenar instructor "R-type" não man o "rign estendes" 4)3) 4:- What is the sign extend doing during eyels in sulich its output is not needed? D'ign estend" probay une raide derente codo ciclo. Le ens roide fon desnecerario, els l'aimplemente ignorado.

Salored Cation Favo Obiseero - 201.4004

479) When silver chips are fobricated, defeate in materials

and manufacturing error can result in defeative arounts. It nearly

common defeat is for one signal wire to get "broken" and

plumps register a Clocal I logical O. This is called a "stuck-at-O"

fault. 494)1) Which instructions fail to operate correctly if the Members
wire is stuck at 07 Anener Rodr' ras guebroder Memto Reg ou et ou i igno-robs pare code ums bor outror instruções 4)4)2-Which instruction fail to greate correctly if ALUSAC uire in stuck at 0? 4 - type, loode, stour ros todor quelender