```
MODULE Module1
    TASK PERS tooldata toolPEN:=[TRUE,[[100,0,20],[1,0,0,0]],[0.1,[50,0,10],[1,0,0,0],0,0,0]];
    TASK PERS wobjdata WOBJPAPER1:=[FALSE,TRUE,"",[[448.914,133.046,101.751],[0.996192,1.31341E-06,-2.04788E-06,0.0871896]],[[0,0,0],
[1,0,0,0]]];
    CONST robtarget p10:=[[81.94,40.36,-96.78],[0.657065,-0.0740703,0.747355,0.0651203],[0,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p20:=[[82.16,40.31,-101.91],[0.657065,-0.0740703,0.747354,0.0651203],[0,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p30:=[[140.98,40.65,-101.91],[0.657066,-0.07407,0.747354,0.0651202],[0,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p40:=[[141.16,94.29,-101.91],[0.657065,-0.0740701,0.747354,0.0651203],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p50:=[[81.94,94.27,-101.91],[0.657065,-0.0740701,0.747354,0.0651201],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p60:=[[82.21,40.39,-101.91],[0.657065,-0.0740702,0.747354,0.0651201],[0,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p70:=[[82.21,40.39,-99.63],[0.657065,-0.0740701,0.747354,0.0651201],[0,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p80:=[[147.50,120.00,-102.24],[0.657063,-0.0740705,0.747356,0.0651202],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p90:=[[186.47,120.00,-102.24],[0.657064,-0.0740705,0.747356,0.0651203],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p100:=[[186.06,159.89,-102.24],[0.657064,-0.0740704,0.747355,0.0651203],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p120:=[[186.06,159.89,-102.24],[0.657064,-0.0740704,0.747355,0.0651203],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p110:=[[186.06,159.89,-102.24],[0.657064,-0.0740704,0.747355,0.0651203],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p140:=[[147.44,159.43,-102.24],[0.657063,-0.0740702,0.747356,0.0651199],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p130:=[[166.64,178.80,-102.24],[0.657064,-0.0740702,0.747356,0.06512],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p160:=[[147.44,159.43,-102.24],[0.657063,-0.0740702,0.747356,0.0651199],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p150:=[[147.44,159.43,-102.24],[0.657063,-0.0740702,0.747356,0.0651199],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p170:=[[147.36,120.01,-102.24],[0.657063,-0.0740701,0.747356,0.0651197],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p180:=[[147.36,120.01,-99.66],[0.657063,-0.07407,0.747356,0.0651196],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p190:=[[111.62,205.13,-102.17],[0.657421,-0.0755796,0.747082,0.062887],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p200:=[[111.62,205.13,-97.69],[0.657421,-0.0755795,0.747082,0.0628869],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p210:=[[111.62,205.13,-102.41],[0.657421,-0.0755795,0.747082,0.0628869],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p230:=[[111.62,273.94,-102.41],[0.657421,-0.0755794,0.747082,0.0628869],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p220:=[[111.62,273.94,-102.41],[0.657421,-0.0755794,0.747082,0.0628869],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p250:=[[111.62,205.62,-102.41],[0.657421,-0.0755791,0.747081,0.0628869],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p240:=[[111.62,205.62,-102.41],[0.657421,-0.0755791,0.747081,0.0628869],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p260:=[[111.62,205.62,-98.67],[0.657421,-0.0755791,0.747081,0.0628868],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p280:=[[146.11,239.52,-102.20],[0.657422,-0.0755788,0.747081,0.0628868],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p270:=[[146.11,239.52,-102.20],[0.657422,-0.0755788,0.747081,0.0628868],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p300:=[[77.07,241.65,-97.54],[0.65742,-0.0755795,0.747082,0.0628863],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p290:=[[111.58,274.13,-102.20],[0.657422,-0.0755785,0.74708,0.0628867],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p320:=[[81.66,257.41,-102.20],[0.657422,-0.0755787,0.74708,0.0628868],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p310:=[[81.66,257.41,-102.20],[0.657422,-0.0755787,0.74708,0.0628868],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p330:=[[77.07,241.65,-101.80],[0.65742,-0.0755794,0.747082,0.0628864],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p340:=[[79.27,247.76,-101.75],[0.657421,-0.0755792,0.747081,0.0628867],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p360:=[[143.64,249.74,-101.75],[0.657419,-0.0755801,0.747083,0.0628861],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p350:=[[111.65,274.11,-101.75],[0.657419,-0.0755799,0.747083,0.0628863],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p380:=[[143.64,249.74,-101.75],[0.657419,-0.0755801,0.747083,0.0628861],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p370:=[[128.64,210.05,-101.75],[0.657418,-0.0755804,0.747084,0.0628861],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p390:=[[77.79,243.62,-98.90],[0.657423,-0.0755817,0.74708,0.0628809],[0,0,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    TASK PERS wobjdata wobjPAPER2:=[FALSE,TRUE,"",[[464.951,-386.172,6.00272E-05],[0.999978,1.36417E-06,-1.78283E-06,0.00670158]],[[0,0,0],
[1,0,0,0]]];
    CONST robtarget p400:=[[82.76,281.89,-0.92],[0.65022,-0.135483,0.738574,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p410:=[[82.76,281.89,-0.92],[0.65022,-0.135483,0.738574,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p430:=[[83.75,243.10,-0.92],[0.650221,-0.135483,0.738574,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p420:=[[64.51,262.99,-0.92],[0.650219,-0.135483,0.738575,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p440:=[[123.80,281.90,-0.92],[0.650221,-0.135483,0.738573,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p460:=[[143.09,262.74,-0.92],[0.65022,-0.135483,0.738574,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p450:=[[124.30,243.18,-0.92],[0.65022,-0.135483,0.738574,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p470:=[[124.30,243.18,3.93],[0.65022,-0.135483,0.738574,0.115614],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p490:=[[83.56,243.36,-0.92],[0.650221,-0.135482,0.738573,0.115616],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p480:=[[64.45,262.41,-0.92],[0.650221,-0.135482,0.738573,0.115615],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p500:=[[82.92,243.17,-0.92],[0.650223,-0.135481,0.738571,0.115618],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p510:=[[123.59,281.84,-0.93],[0.65031,-0.135383,0.738489,0.115767],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p520:=[[123.59,281.84,-0.93],[0.65031,-0.135383,0.738489,0.115767],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p540:=[[124.55,242.92,-0.92],[0.650267,-0.135432,0.73853,0.115693],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p530:=[[143.00,262.79,-0.93],[0.650311,-0.135383,0.738489,0.115767],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p560:=[[123.53,242.81,-0.93],[0.65031,-0.135384,0.738489,0.115767],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p550:=[[123.53,242.81,-0.93],[0.65031,-0.135384,0.738489,0.115767],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p570:=[[124.50,243.27,5.12],[0.650386,-0.135358,0.738363,0.116172],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p580:=[[63.97,235.28,5.12],[0.650387,-0.135359,0.738363,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p590:=[[63.97,236.74,-0.75],[0.650387,-0.135358,0.738363,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p600:=[[141.64,216.75,-1.07],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p610:=[[63.21,197.36,-1.07],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p620:=[[92.96,228.58,-1.07],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p630:=[[93.02,204.72,-1.07],[0.650388,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p640:=[[93.02,204.72,5.25],[0.650388,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p650:=[[142.52,191.32,4.58],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p660:=[[143.04,191.32,-0.95],[0.650387,-0.135359,0.738363,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p670:=[[63.59,191.37,-0.95],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p680:=[[63.59,162.98,-0.95],[0.650388,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p690:=[[63.59,162.98,3.20],[0.650388,-0.135358,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p700:=[[142.65,156.53,4.60],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p710:=[[142.65,156.53,-0.82],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p720:=[[63.82,156.64,-0.82],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p730:=[[103.16,156.64,-0.82],[0.650387,-0.135359,0.738363,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p740:=[[103.16,132.61,-0.82],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p750:=[[103.16,132.61,3.14],[0.650387,-0.135358,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p760:=[[145.17,159.03,1.81],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p770:=[[145.17,130.38,1.81],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p780:=[[145.17,130.38,7.19],[0.650388,-0.135358,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p790:=[[130.56,124.09,7.90],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p800:=[[128.26,121.70,-0.71],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
    CONST robtarget p810:=[[78.09,121.84,-0.71],[0.650387,-0.135359,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
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CONST robtarget p830:=[[78.75,93.06,-0.71],[0.650388,-0.135358,0.738361,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p820:=[[64.14,107.02,-0.71],[0.650388,-0.135358,0.738362,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p840:=[[128.34,92.94,-0.71],[0.650388,-0.135359,0.738361,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p860:=[[127.73,121.85,-0.71],[0.650388,-0.135359,0.738361,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p850:=[[142.61,107.56,-0.71],[0.650388,-0.135359,0.738361,0.116171],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p870:=[[128.80,122.13,7.21],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p880:=[[61.27,84.52,7.21],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p890:=[[63.42,86.94,-0.38],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p900:=[[142.34,86.79,-0.38],[0.653092,-0.133535,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p920:=[[103.71,86.38,-0.38],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p910:=[[123.19,58.12,-0.38],[0.653093,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p930:=[[63.94,86.15,-0.38],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p940:=[[63.94,86.15,4.79],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p950:=[[63.26,57.77,-0.34],[0.653092,-0.133534,0.735516,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p960:=[[103.56,77.31,-0.34],[0.653091,-0.133534,0.735517,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p970:=[[103.56,86.18,-0.34],[0.653091,-0.133534,0.735517,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p980:=[[103.56,86.18,9.18],[0.653091,-0.133533,0.735517,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p990:=[[61.70,38.20,9.18],[0.65309,-0.133533,0.735518,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1000:=[[63.89,51.56,-0.18],[0.65309,-0.133533,0.735518,0.121061],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1010:=[[142.42,51.56,-0.18],[0.65309,-0.133533,0.735518,0.121061],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1030:=[[64.18,51.54,-0.18],[0.65309,-0.133533,0.735518,0.121061],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1020:=[[102.92,12.61,-0.18],[0.65309,-0.133533,0.735518,0.121061],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1040:=[[64.18,51.54,5.42],[0.65309,-0.133532,0.735518,0.12106],[-1,-1,0,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
TASK PERS wobjdata wobjPAPER3:=[FALSE,TRUE,"",[[428.965,105.738,3.58238],[0.00670182,1.61392E-06,1.19463E-06,-0.999978]],[[0,0,0],
[1,0,0,0]]];
CONST robtarget p1050:=[[105.42,111.22,0.07],[0.116171,0.738362,0.135359,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1060:=[[105.42,111.22,0.07],[0.116171,0.738362,0.135359,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1070:=[[69.32,111.30,0.07],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1090:=[[104.38,128.07,0.07],[0.116171,0.738362,0.135359,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1080:=[[88.00,140.16,0.07],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1100:=[[104.38,111.08,0.07],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1110:=[[104.38,111.08,9.42],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1120:=[[104.38,151.70,4.43],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1130:=[[105.82,151.70,0.17],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1140:=[[69.67,151.70,0.17],[0.116171,0.738362,0.135361,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1150:=[[69.67,171.36,0.17],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1160:=[[85.79,153.42,0.17],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1170:=[[85.79,171.28,0.17],[0.116171,0.738362,0.13536,-0.650387],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1180:=[[105.63,152.31,0.17],[0.116171,0.738362,0.13536,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1190:=[[105.63,171.22,0.17],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1200:=[[105.63,171.22,6.53],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1210:=[[105.63,193.42,6.53],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1220:=[[105.63,193.42,0.24],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1230:=[[69.52,179.19,0.24],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1240:=[[69.52,179.19,5.90],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1250:=[[69.78,209.19,-0.52],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1260:=[[106.58,193.82,-0.52],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
CONST robtarget p1270:=[[106.58,193.82,10.86],[0.116171,0.738362,0.135359,-0.650388],[-1,-1,-1,1],[9E+09,9E+09,9E+09,9E+09,9E+09,9E+09]];
VAR num reg6:=0;
    PROC main()
    TPErase;
    TPWrite "Drawing Demo";
    TPReadFK Mychoice,"which shape to draw," shapes "," SALFORD "," MYNAME ",stEmpty,stEmpty,stEmpty;
TEST Mychoice
case1:
        SHAPES;
    CASE 2:
        SALFORD;
    CASE 3:
        MYNAME;
    ENDTEST
ENDPROC

PROC main()
    SHAPES1;
    WaitTime 2;
    SHAPES2;
    WaitTime 2;
    SHAPES3;
    WaitTime 2;
    SALFORD;
    MYNAME;
ENDPROC

PROC SHAPES1()
    MoveJ p10,v100,fine,toolPEN\WObj:=WOBJPAPER1;
    MoveJ p20,v100,fine,toolPEN\WObj:=WOBJPAPER1;
    MoveL p30,v100,fine,toolPEN\WObj:=WOBJPAPER1;
    MoveL p40,v100,fine,toolPEN\WObj:=WOBJPAPER1;
    MoveL p50,v100,fine,toolPEN\WObj:=WOBJPAPER1;
    MoveL p60,v100,fine,toolPEN\WObj:=WOBJPAPER1;
    MoveJ p70,v100,fine,toolPEN\WObj:=WOBJPAPER1;
ENDPROC

PROC SHAPES2()
    MoveJ p70,v100,z50,toolPEN\WObj:=WOBJPAPER1;
    MoveJ p80,v100,z50,toolPEN\WObj:=WOBJPAPER1;
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        MoveL p90,v100,z50,toolPEN\WObj:=WOBJPAPER1;
        MoveL p100,v100,z50,toolPEN\WObj:=WOBJPAPER1;
        MoveC p130,p140,v100,z10,toolPEN\WObj:=WOBJPAPER1;
        MoveL p170,v100,z50,toolPEN\WObj:=WOBJPAPER1;
        MoveJ p180,v100,z50,toolPEN\WObj:=WOBJPAPER1;
    ENDPROC

    PROC SHAPES3()
        MoveJ p300,v100,z50,toolPEN\WObj:=WOBJPAPER1;
        MoveJ p340,v100,z50,toolPEN\WObj:=WOBJPAPER1;
        MoveC p350,p360,v100,z10,toolPEN\WObj:=WOBJPAPER1;
        MoveC p370,p340,v100,z10,toolPEN\WObj:=WOBJPAPER1;
    ENDPROC

    PROC SALFORD()
        MoveJ p400,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p410,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveC p480,p490,v100,z10,toolPEN\WObj:=wobjPAPER2;
        MoveJ p500,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p520,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveC p530,p540,v100,z10,toolPEN\WObj:=wobjPAPER2;
        MoveJ p570,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p580,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p590,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p600,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p610,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p620,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p630,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p640,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p650,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p660,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p670,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p680,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p690,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p700,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p710,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p720,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p730,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p740,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p750,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p760,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p770,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p780,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p790,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p800,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p810,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveC p820,p830,v100,z10,toolPEN\WObj:=wobjPAPER2;
        MoveL p840,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveC p850,p860,v100,z10,toolPEN\WObj:=wobjPAPER2;
        MoveJ p870,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p880,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p890,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p900,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveC p910,p920,v100,z10,toolPEN\WObj:=wobjPAPER2;
        MoveL p930,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p940,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p950,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p960,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p970,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p980,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p990,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveJ p1000,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveL p1010,v100,fine,toolPEN\WObj:=wobjPAPER2;
        MoveC p1020,p1030,v100,z10,toolPEN\WObj:=wobjPAPER2;
        MoveJ p1040,v100,fine,toolPEN\WObj:=wobjPAPER2;
    ENDPROC

    PROC MYNAME()
        MoveJ p1050,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1060,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1070,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveC p1080,p1090,v100,z10,toolPEN\WObj:=wobjPAPER3;
        MoveL p1100,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1110,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1120,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1130,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1140,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1150,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1160,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1170,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1180,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1190,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1200,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1210,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1220,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1230,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1240,v100,fine,toolPEN\WObj:=wobjPAPER3;
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        MoveJ p1250,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveL p1260,v100,fine,toolPEN\WObj:=wobjPAPER3;
        MoveJ p1270,v100,fine,toolPEN\WObj:=wobjPAPER3;
    ENDPROC
ENDMODULE
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