



```

while (imax = 0) {
    smux = 1;
    if (NewMax = 1) {
        enMax = 1;
        enRep = 1; ldep = 1;
    }
    if (inCRep = 1) {
        enRep = 1;
        eni = 1;
    }
}
Fin = 1;

```

```

graph TD
    Start1((Start)) -- 1 --> Box1[ ]
    Box1 -- 0 --> Start1
    Box1 -- 1 --> Start2((Start))
    Start2 -- 0 --> Box2[ ]
    Box2 -- 1 --> Start2
    Box2 -- 1 --> Box3[ ]
    Box3 -- 0 --> Box4[ ]
    Box4 -- 1 --> Box5[ ]
    Box5 -- 0 --> Box6[ ]
    Box6 -- 1 --> Box7[ ]
    Box7 -- 0 --> Box8[ ]
    Box8 -- 1 --> Box9[ ]
    Box9 -- 0 --> Box10[ ]
    Box10 -- 1 --> Box11[ ]
    Box11 -- 0 --> Box12[ ]
    Box12 -- 1 --> Box13[ ]
    Box13 -- 0 --> Box14[ ]
    Box14 -- 1 --> Box15[ ]
    Box15 -- 0 --> Box16[ ]
    Box16 -- 1 --> Box17[ ]
    Box17 -- 0 --> Box18[ ]
    Box18 -- 1 --> Box19[ ]
    Box19 -- 0 --> Box20[ ]
    Box20 -- 1 --> Box21[ ]
    Box21 -- 0 --> Box22[ ]
    Box22 -- 1 --> Box23[ ]
    Box23 -- 0 --> Box24[ ]
    Box24 -- 1 --> Box25[ ]
    Box25 -- 0 --> Box26[ ]
    Box26 -- 1 --> Box27[ ]
    Box27 -- 0 --> Box28[ ]
    Box28 -- 1 --> Box29[ ]
    Box29 -- 0 --> Box30[ ]
    Box30 -- 1 --> Box31[ ]
    Box31 -- 0 --> Box32[ ]
    Box32 -- 1 --> Box33[ ]
    Box33 -- 0 --> Box34[ ]
    Box34 -- 1 --> Box35[ ]
    Box35 -- 0 --> Box36[ ]
    Box36 -- 1 --> Box37[ ]
    Box37 -- 0 --> Box38[ ]
    Box38 -- 1 --> Box39[ ]
    Box39 -- 0 --> Box40[ ]
    Box40 -- 1 --> Box41[ ]
    Box41 -- 0 --> Box42[ ]
    Box42 -- 1 --> Box43[ ]
    Box43 -- 0 --> Box44[ ]
    Box44 -- 1 --> Box45[ ]
    Box45 -- 0 --> Box46[ ]
    Box46 -- 1 --> Box47[ ]
    Box47 -- 0 --> Box48[ ]
    Box48 -- 1 --> Box49[ ]
    Box49 -- 0 --> Box50[ ]
    Box50 -- 1 --> Box51[ ]
    Box51 -- 0 --> Box52[ ]
    Box52 -- 1 --> Box53[ ]
    Box53 -- 0 --> Box54[ ]
    Box54 -- 1 --> Box55[ ]
    Box55 -- 0 --> Box56[ ]
    Box56 -- 1 --> Box57[ ]
    Box57 -- 0 --> Box58[ ]
    Box58 -- 1 --> Box59[ ]
    Box59 -- 0 --> Box60[ ]
    Box60 -- 1 --> Box61[ ]
    Box61 -- 0 --> Box62[ ]
    Box62 -- 1 --> Box63[ ]
    Box63 -- 0 --> Box64[ ]
    Box64 -- 1 --> Box65[ ]
    Box65 -- 0 --> Box66[ ]
    Box66 -- 1 --> Box67[ ]
    Box67 -- 0 --> Box68[ ]
    Box68 -- 1 --> Box69[ ]
    Box69 -- 0 --> Box70[ ]
    Box70 -- 1 --> Box71[ ]
    Box71 -- 0 --> Box72[ ]
    Box72 -- 1 --> Box73[ ]
    Box73 -- 0 --> Box74[ ]
    Box74 -- 1 --> Box75[ ]
    Box75 -- 0 --> Box76[ ]
    Box76 -- 1 --> Box77[ ]
    Box77 -- 0 --> Box78[ ]
    Box78 -- 1 --> Box79[ ]
    Box79 -- 0 --> Box80[ ]
    Box80 -- 1 --> Box81[ ]
    Box81 -- 0 --> Box82[ ]
    Box82 -- 1 --> Box83[ ]
    Box83 -- 0 --> Box84[ ]
    Box84 -- 1 --> Box85[ ]
    Box85 -- 0 --> Box86[ ]
    Box86 -- 1 --> Box87[ ]
    Box87 -- 0 --> Box88[ ]
    Box88 -- 1 --> Box89[ ]
    Box89 -- 0 --> Box90[ ]
    Box90 -- 1 --> Box91[ ]
    Box91 -- 0 --> Box92[ ]
    Box92 -- 1 --> Box93[ ]
    Box93 -- 0 --> Box94[ ]
    Box94 -- 1 --> Box95[ ]
    Box95 -- 0 --> Box96[ ]
    Box96 -- 1 --> Box97[ ]
    Box97 -- 0 --> Box98[ ]
    Box98 -- 1 --> Box99[ ]
    Box99 -- 0 --> Box100[ ]
    Box100 -- 1 --> Box101[ ]
    Box101 -- 0 --> Box102[ ]
    Box102 -- 1 --> Box103[ ]
    Box103 -- 0 --> Box104[ ]
    Box104 -- 1 --> Box105[ ]
    Box105 -- 0 --> Box106[ ]
    Box106 -- 1 --> Box107[ ]
    Box107 -- 0 --> Box108[ ]
    Box108 -- 1 --> Box109[ ]
    Box109 -- 0 --> Box110[ ]
    Box110 -- 1 --> Box111[ ]
    Box111 -- 0 --> Box112[ ]
    Box112 -- 1 --> Box113[ ]
    Box113 -- 0 --> Box114[ ]
    Box114 -- 1 --> Box115[ ]
    Box115 -- 0 --> Box116[ ]
    Box116 -- 1 --> Box117[ ]
    Box117 -- 0 --> Box118[ ]
    Box118 -- 1 --> Box119[ ]
    Box119 -- 0 --> Box120[ ]
    Box120 -- 1 --> Box121[ ]
    Box121 -- 0 --> Box122[ ]
    Box122 -- 1 --> Box123[ ]
    Box123 -- 0 --> Box124[ ]
    Box124 -- 1 --> Box125[ ]
    Box125 -- 0 --> Box126[ ]
    Box126 -- 1 --> Box127[ ]
    Box127 -- 0 --> Box128[ ]
    Box128 -- 1 --> Box129[ ]
    Box129 -- 0 --> Box130[ ]
    Box130 -- 1 --> Box131[ ]
    Box131 -- 0 --> Box132[ ]
    Box132 -- 1 --> Box133[ ]
    Box133 -- 0 --> Box134[ ]
    Box134 -- 1 --> Box135[ ]
    Box135 -- 0 --> Box136[ ]
    Box136 -- 1 --> Box137[ ]
    Box137 -- 0 --> Box138[ ]
    Box138 -- 1 --> Box139[ ]
    Box139 -- 0 --> Box140[ ]
    Box140 -- 1 --> Box141[ ]
    Box141 -- 0 --> Box142[ ]
    Box142 -- 1 --> Box143[ ]
    Box143 -- 0 --> Box144[ ]
    Box144 -- 1 --> Box145[ ]
    Box145 -- 0 --> Box146[ ]
    Box146 -- 1 --> Box147[ ]
    Box147 -- 0 --> Box148[ ]
    Box148 -- 1 --> Box149[ ]
    Box149 -- 0 --> Box150[ ]
    Box150 -- 1 --> Box151[ ]
    Box151 -- 0 --> Box152[ ]
    Box152 -- 1 --> Box153[ ]
    Box153 -- 0 --> Box154[ ]
    Box154 -- 1 --> Box155[ ]
    Box155 -- 0 --> Box156[ ]
    Box156 -- 1 --> Box157[ ]
    Box157 -- 0 --> Box158[ ]
    Box158 -- 1 --> Box159[ ]
    Box159 -- 0 --> Box160[ ]
    Box160 -- 1 --> Box161[ ]
    Box161 -- 0 --> Box162[ ]
    Box162 -- 1 --> Box163[ ]
    Box163 -- 0 --> Box164[ ]
    Box164 -- 1 --> Box165[ ]
    Box165 -- 0 --> Box166[ ]
    Box166 -- 1 --> Box167[ ]
    Box167 -- 0 --> Box168[ ]
    Box168 -- 1 --> Box169[ ]
    Box169 -- 0 --> Box170[ ]
    Box170 -- 1 --> Box171[ ]
    Box171 -- 0 --> Box172[ ]
    Box172 -- 1 --> Box173[ ]
    Box173 -- 0 --> Box174[ ]
    Box174 -- 1 --> Box175[ ]
    Box175 -- 0 --> Box176[ ]
    Box176 -- 1 --> Box177[ ]
    Box177 -- 0 --> Box178[ ]
    Box178 -- 1 --> Box179[ ]
    Box179 -- 0 --> Box180[ ]
    Box180 -- 1 --> Box181[ ]
    Box181 -- 0 --> Box182[ ]
    Box182 -- 1 --> Box183[ ]
    Box183 -- 0 --> Box184[ ]
    Box184 -- 1 --> Box185[ ]
    Box185 -- 0 --> Box186[ ]
    Box186 -- 1 --> Box187[ ]
    Box187 -- 0 --> Box188[ ]
    Box188 -- 1 --> Box189[ ]
    Box189 -- 0 --> Box190[ ]
    Box190 -- 1 --> Box191[ ]
    Box191 -- 0 --> Box192[ ]
    Box192 -- 1 --> Box193[ ]
    Box193 -- 0 --> Box194[ ]
    Box194 -- 1 --> Box195[ ]
    Box195 -- 0 --> Box196[ ]
    Box196 -- 1 --> Box197[ ]
    Box197 -- 0 --> Box198[ ]
    Box198 -- 1 --> Box199[ ]
    Box199 -- 0 --> Box200[ ]
    Box200 -- 1 --> Box201[ ]
    Box201 -- 0 --> Box202[ ]
    Box202 -- 1 --> Box203[ ]
    Box203 -- 0 --> Box204[ ]
    Box204 -- 1 --> Box205[ ]
    Box205 -- 0 --> Box206[ ]
    Box206 -- 1 --> Box207[ ]
    Box207 -- 0 --> Box208[ ]
    Box208 -- 1 --> Box209[ ]
    Box209 -- 0 --> Box210[ ]
    Box210 -- 1 --> Box211[ ]
    Box211 -- 0 --> Box212[ ]
    Box212 -- 1 --> Box213[ ]
    Box213 -- 0 --> Box214[ ]
    Box214 -- 1 --> Box215[ ]
    Box215 -- 0 --> Box216[ ]
    Box216 -- 1 --> Box217[ ]
    Box217 -- 0 --> Box218[ ]
    Box218 -- 1 --> Box219[ ]
    Box219 -- 0 --> Box220[ ]
    Box220 -- 1 -->
```

[illegible]