```
Invest[n0_, g0_] :=
 Module[{n = n0, g = 36 / g0 - 1, p = 0, t = 0},
  For[tn = 0, tn < n, tn++,
   p += (1 - g0 / 37)^(tn) * g0 / 37;
   (*Print[(t+G)/g//N];*)
   t += (t + 1) / g];
  {t, p}
 ]

InvestTable[g0_, max0_] := Module[{max = max0, g = g0, T = {}, U = {}, i = 1},
  While[Invest[i, g][[1]] < max, AppendTo[U, Invest[i, g]]; i++];
  U // N
 ]

Invest[100, 1] // N
```

```
{15.7281, 0.935423}
```

```
ListPlot[Table[InvestTable[k, 300], {k, 1, 24, 1}], PlotRange → {0.99, 0.999}]
```