## 'Even or Odd' Test Using MIPS Shift Instructions

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## Remainder – Even or Odd?

0 1 0 0 1 0 0 1 0 0 1 
$$X=0 \times 2^7 + 1 \times 2^6 + 0 \times 2^5 + 0 \times 2^4 + 1 \times 2^3 + 0 \times 2^2 + 0 \times 2^1 + 1 \times 2^0 = 0 + 64 + 0 + 0 + 8 + 0 + 0 + 1 = 73$$

73/2=36 73%2=1

\$\frict{\frict{\frict{\gamma}{3}}{3}}{3}\frac{2}{3}\frac{73}{3}\frac{2}{3}=1

\$\frict{\frict{\gamma}{3}}{\sin \frict{\gamma}{3}}\frac{1}{3}\frac{1}{

$$X-Z=1$$

