PRG FUNCTIONS:

1. **hc-**

   `Function to get hardcore predicate bit using Goldreich-Levin Theorem`

Parameters	Datatype	Description
x	str	Input of one-way function

Return:
`(str): 1 bit hardcore predicate of x`

Called by:
- `PRG`

Caller of:
`None`

2. **owf-**

   `One-way function with candidate as Discrete Log Problem`

Parameters	Datatype	Description
x	int	Input of one-way function
g	int	Generator
p	int	Prime

Return:
`(int): Dlp function output`

Called by:
- `PRG`
- `fixedLengthHash`

Caller of:
`None`

3. **PRG-**

   `Function to generate pseudo-random output from a seed`

Parameters	Datatype	Description
seed	str	Binary input seed
l	int	Length to which to expand
g	int	Generator
p	int	Prime

Return:
`(str): pseudo-randomly generated number of l length`
Called by:

- `PRF`

Caller of:

- `hc`