**pmn+tsN+ Es+tdo**

**nN+ Is+l nN+ bohol+**

**- pNonhiN+ km+pos+**

**BOHOL ISLAND STATE UNIVERSITY**

**- MAIN CAMPUS**

**mlkeN= pAdln=**

**s Ag=sekpn=**

**At= Ad=ketek=tod**

**COLLEGE OF ENGINEERING**

**AND ARCHITECTURE**

**CpE 112 – mt=wedn= At=**

**An=tNn s pg=p=dog=dm ,**

Programming Logic

and Design

Ik **1** n pg=sosolet=-klget=nAN= ted=meno

QUIZ#1-Midterm

|  |
| --- |
|  |
| **baapto 1b**  **BSCpE 1B** |

|  |
| --- |
| Ag=sekp= m.A. peden=  ENGR. M.A. PERIN |
| **Tgpg=todoo**  **INSTRUCTOR** |

In [binary](https://en.wikipedia.org/wiki/Binary_numeral_system), the palindromic primes include the [Mersenne primes](https://en.wikipedia.org/wiki/Mersenne_prime) and the [Fermat primes](https://en.wikipedia.org/wiki/Fermat_prime). All binary palindromic primes except binary 11 (decimal 3) have an odd number of digits; those palindromes with an even number of digits are divisible by 3. The sequence of binary palindromic primes begins (in binary):

11, 101, 111, 10001, 11111, 1001001, 1101011, 1111111, 100000001, 100111001, 110111011, ...

Write code using array that displays the list of binary palindromic prime numbers from 2 to the desired range. Start with 3-digit numbers.



