KAZAKH ⬛ KBTU ⬛ BRITISH
T  E  C  H  N  I  C  A  L
U  N  I  V  E  R  S  I  T  Y

**Faculty of Information Technology**

**Final exam**

**Spring  2018**

**Programming Technologies (***total 40 pts.***)**

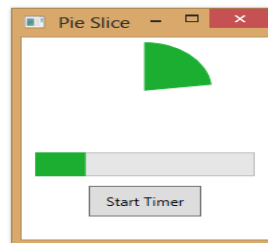**Duration**: 3 hours                                                                    **Date:** 05.05.2017
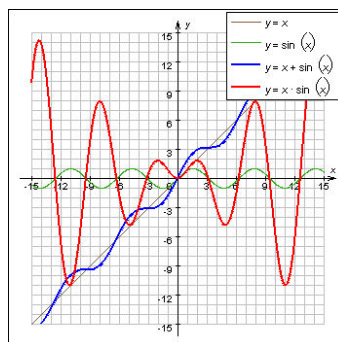
1. ***(3 pts.)*** Write program for finding numbers from given list with the next properties:
   a.  is square of the any number
   b.  not divisible by 5

   List given by string[] args.

2. (***7 pts.***) For all files in directory (directory name has to be read from console) show file name in console if this file contains string "hello world" only one time.

3. (***15 pts.***) Draw next figure with animation. When progress bar will finish filling, figure has to be full circle.



4. (***15 pts.***) Draw next graphics from picture below.



Instructor                                                                    Baisakov B. M.

Minutes #___ from _____