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DJANGO

—— *for* ——

BEGINNERS

Build websites with Python & Django

WILLIAM S. VINCENT

Django for Beginners

Build websites with
Python & Django

William S. Vincent

This book is for sale at

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Conclusion

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Chapter 1: Initial Set Up	Current User Policy Environment Scripts\Activates Remote Services\Scanned - Scape	macOS Python 3.7.4 - virtualenv	activate (.venv) % The shell prompt is now the virtual environment's prefix which indicates that the	virtual environment is activated by typing the command 'source venv/bin/activate' or 'python -m venv venv' followed by 'source venv/bin/activate'.	virtual environment is activated by typing the command 'source venv/bin/activate' or 'python -m venv venv' followed by 'source venv/bin/activate'.
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e lo an l tin g rr w in entin rr o m b s u o to d e
to ca go se g et y D st vir g t m u n' t u. in in th
vi l ou rv Relo if ja al on a en a t t a Th all all lar
sit po tp er n. of s g D en an vir n a c g er , VS all ge
htt rt ut wi n. p a o ja t d on d te a o er , VS ec
p:/ nu s th **Sh** r lit p n ca ne m li xt r o e an Co os
/lo m in th **ell** a a en n e e d ar d de ys
cal be a a en n e e d ar d de -
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th hi To py ws " o xt o O is a t r d e c na ld do
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Cha M is st on Co n c di D s : pr in t(" H ell o, T h e p r p ll ci ve e.
ic a all -m de d o to e a
Ext ro Py Bl ins e d r sk v t(" H ell o, T h e p r p ll ci ve e.
fo s th actal bl n e to to e, H ell o, T h e p r p ll ci ve e.
r of on k, l ac a w cr p it o, T h e p r p ll ci ve e.
th t coop bla k bl h e a s o, T h e p r p ll ci ve e.
e xt deen Ne o " E e a ty ul !") fi n h n t v e ebforwil
e e for a xt, m th di v n p d . T h a t W a o e sityo l
xt m Te op th to er e e b . T h a t W a o e sityo l
e n at r en e r: a w in e e ut m s i it c ut at coun
si o r na up dr F *. fil th a at m s i it c ut at coun
o n th l e p or py e e ut m s i it c ut at coun
s a at wi VS d m fil c fo o m a e i G a v s ps: pu th
m th s o de w o n s d wi ic s e i d y y r m it- r. Gi
ar fir qu w se n n s a he n al ly v t s u u i t m. Sa t
k st ic wi tti o S a v llo g ly .p u u er yt i n n n o o n d fil o
et re kl thi ng pt a v e d. y wi n d at hi n n n o o n d fil o
pl s y n s io v e d. y wi n d at hi n n n o o n d fil o
a ul be VS by n s. ". T o in si e g t a o k y i ck an in
c t. co wi vi T a c c th n d g s s c r f g cli e ws
e. In m nd ga h a c c th n d g s s c r f g cli e ws
E st e o tin e k o n ch e u w a b ll v o m on d st
er l e de en Fil e ar c o is di e d pr o a m a m d a w yo
" it. de en Fil e ar c o is di e d pr o a m a m d a w yo
p yt A ult at > Pr c h a w re ct or he bl e ly r s i n h a n O lin oa
h se wi th e ef fo ut or he bl e ly r s i n h a n O lin oa
o co thi n bo er r o m ki y .p y c at e s o n if Wi w fol
n nd n bo er r o m ki y .p y c at e s o n if Wi w fol
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p w . pe o

e d u S t o h d i n e p > S, st e e l n e B s o d p l v e
Ch e l a n C h u n c s t n e i n a l l s s o d r e e m e s e t r s i
ap t a t d o e s a a a l a i n g s t e % a p l i a a e m e o n
ter r l e e d i n e m n l e n g i t a l l d g e r n s w t i a c l t o
1: y r r e i t i " e. a l d e t i n o g i e t o e o a r m n o s c o
Ini d a " n a l m O w o w -- - g n i t w i o l t o n, e e. y e n
tia l S e t U p e f s C o b a i t a n o v e r v t u r - l l s. o l t y t h X d a l l f i r
a n h t r n h y W n s i e r v i c o - a " s p a t c o e v e x m
2 u l e o V i a " e s i n e o r s a m v s k S p e X d e l i s t h
4 t s e o m n a r b o h i w o n i X p e r i f e l a x c c o e o i n e
a d s i . c s w e w c h i n c o u t s y e c o d i s p g i n
Cl s e n A h o i s t s, h c e r i o c t k d e p r e r t e s t
ic t d. g n i n p e w c l w h g i s t y w n g l e a m a t m w
k h T t d n p t e o i l l s i t c u p a s t e. c t v e a r u r i n o r
t e h h i n e o h a s l o h t r r e l f n t a l O -- r y i l y e s a l k e
h y e e t w s e k e a o e g i t y t o l" r i n l a d n s h d.
e a r d h r e r e a l d u l v n t -- y o i n w i f s t r g e s e e l l
" r e e f e e d e d l t h d e r s i u s t h i y a l l e i g e s,
N e a a s p t o c l a c e s s e o n d a l c o i n p n d o
e f i r u l e o " o t u c h i o n e i n o l h u s t a c e o p
x t n e t c t s i m m e r r h o n a s a n i t w i d e k a d n e
" e t e i o t a m r e a w i e n o t a l l o a g f o m n
b a w d i n o s t e i f n t n i t 2 s t e h s l o n d e r a c a
u n o t o r i e n n s g i s o w a p a o t t o s o b O n
t t d e o n e r" d e h e i n 3 p t e r v a r d s i n t h u i l S. e
o c x r " s a e e l s s t . 1 i o n. m e t X e s t e d i O w
n a c u A " s d d w o l e . w T i n G i o f c e a l i n i n n c w i
t n e s d j s t d e i n u d. d. i n c h w i i n o d e X a l i O t h d
h a l p e u e l h e f d. d r o P s h e c n s t m e m c d S e o
r w t i d s t e e a T o w A e l l k o a l m a e o o a d w,
o a o b i n c t d u l T o s T # s i f w. l e a n s s d w p o a
u y n y g t e f t s c a H W i t s h a d i t g d i o b n l d
g s s G t h a a c o n v i n d a r i n d o w s O n a m a c O
h b h i t h e u l r o n d a r i n d o w s O n a m a c O
m e o " e o t e n f i r t h i a d o w s O n a m a c O
o u w s n p b f i r m e b l e. n T a c y i n
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of d v e m o a e G n o T a c y i n
t a t e c t e n n a i t p y O i n
h e r: V o f t c n i s p y O i n

i m d o ai e **Sh** t i s or w m in r
o a e u n. s. **ell** t che arante te
Ch n c cl r W M > c anm e y ra xt
ap ter 1: 2 hi arG it a g o n o geail de di ctied
Ini . n in it hi k i f n th ad ve vi veito
tial 3 e g c n e t g i f esdr lo dem r.
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t Up. 1 e e m h u o - n m s e, er
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p e ms. o u g o l la **O** enth allng
Sh p d e W mp b o b te **n** vir e ed is
ell # e to a e m d - l a r **c** on ro th re
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m i a e al d th o s i u **u** t. Wes fo
a c - o ms li e a b r i de **s** B e t r
O 1 n ai o n m l . e . e s i r i ut haveou
S 3 e-l s e y u m d by **O** fo versi r
0) ti a ets o s a e re **n** rt noon fir
% m d t h u e l a ty un w of st
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- e e a a e e r n sa is is ab Dj p
- G m s ul t a " a n c m no a ouan in
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e is o o b e d u @ m cosy e- than e
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t n o h a t d m ca ne re d linnfi
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In how b avo in a e r b a ct fo
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Isi pran e o n it o t t. n el
om ogd fo a r " u t a lo
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Wy m pl th S s e o a n o g or
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dW uaGi tu T lt t tt n e c ry
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[illegible]

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- 2 a k e e r h H i a r " u e e r a e i t . c t S / ' s
 . | . 0 n p s r e a T e g c T l v n e c c G i n j a i t .
 C p v w d r s s v n T n e o h d i c t s c o e g v
 h a y L e a i o i t e d P t - a m e a e t p e n t n t o a T
 p t e r - n s s t n h n h i s s n p c l s . o o p t a i e r a S e
 2 : H - v i t o g a i f a a e i u i o B a n H n i a l d c r a
 e l l | / - n h c d t t v r r n t e b u U s T n l y a t i p s t
 o W w i t e o a a h e e v i t e n e t R e T g t h a t / r a
 o r l t s i f l t l l e v q e i r) t a t L . P t h i s b s t c t
 d t s i w a o i a o y a u r a a d m h b r e e p a a t o
 A - g i . a r i l l u s . w a s e c l n o o e y U l q i n r o s i c w
 p p - i p n i n y n a l t s r t l s o " d e b p a t i u f o c e , a l o
 3 a y g c s . d s i t e y t - m r a s i l r c l m e r e a s k
 2 s y g c s . a e s h l d r p e " n e o i a t s t m s d s s
 c . - r e t i t l i e o i e u q r ' t p c e e l s a t s d i e t o
 o d p - e H a o o k m c f f s t i u e h h e n y , t o i o i n n s , m
 e y d T t n f e t a e p n e s a o s t a l a n v g a e t
 | b T e o r a o t r o g s p v n s a l g i n o l s n n
 - . s P d f u c c e e n m t o e e i s n a v e v o d g
 - t q b t l o o d n s o " n t o t d w e c e m t h l i
 d - l R y h e m m o t e d i s s o r h a e n e s e e e
 j i t e q i e s m m n h r l e " i e n s e f r U s i d l o n t h
 a s e 3 q u m o o n n p r o E n s a y a r a R s e g i r e ;
 g t o t e r l r l i p d t v t s c i m v m a y i f a r 2
 o t i s B d f a c o w c r y n m t : r w n t o y i p n
 - p n n t e W o n a s i a o y t t p e a s o r d r e n p l t h
 r o s w / r i r g t t r l t i h b u r n e k r e n g y i e
 j e p R n d m u e e e t m e a t n H n l i t u d t h n H
 c y t e e e a a w s i a h e " c e e T d k r e r e g T
 t - s r W t t g i t d n a y c l k r t - T s e n a p s t T
 | l m p e i e h e d t o i b t c P b D a w r o y l P
 t a n L b n f o s s w u e y h o r a j a H e p e r e
 - n L . g o n o o o v n a o n e c n T b e r w s
 - a e A a r e f f r i s t " u n q k g T p U i t p
 - g s e n n c a t w k i t " s g e u a o p a R h o
 u . e i e d o n h a s a (i e h c e n d r e g L , H n
 - r p y n t p m o e r i w e r , t s H o s e . c T s
 i s y 1 w r p t e e n e y v i t e t T e p T o M e .
 n . c 9 o o u h a . a b o e c d i s T s o h n L / T
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c e d s e l f b m n ' h f t h n r g l c p l e t h o i n d e n
h l s i e s p o n s e y e o t p y i s s . o j e h e , n o a u g a r a
C h a c . n t o t n b r o m e t a a t i p t s e n w m
p t o p g o s e u w s t e e u o c t o p n c o a l p n e i t e
er o y i t e c y a e r c v i r r C s p p e - a w l i t e w h o f
2 : m) n h e r e a o o t e r a - c c t i e l i f u r a c o
H e l l b a . e e n t n f u h i l o e n l e o o r v n a l p o u
o i . n h u T b M e u s n o a d v n m n , i t e c t , g r o a
W n d t s T r V s s i M k i s t a e l t r m a e w i o e o + p
or l d e t m e R a C t o V n e l e p D o l e n m i t n a t c . p
A p s h l) r e n a h n . C g y A p j a s r c o l i h i a l c o t w
p t e . . q u d n e H e t c n s n a e t s t n i t h t h i
3 h s T . t h T s t n d D o x o o t g n s i h i n o y a h e c
4 e d y e h - e M j a w p t u A o o i s t e g n i n p c u w
v a l i v e > w V n e e h p l A p p o l e r d e t p o s i l l
i t n i c R t T g v r i e e p e r a m a e t o s m e b
e a g e m . L o w o e e " d e o j t i g p t o a h m t e
w f f w p l > w i l l w r n D a p e e h p a i p p o a h p
(r r t e e e n a i f c j a n D c c t d t f o l s - p u l n e a
c o o h D w b o y y e , n d j a o c p i h r . l e s d d s t e g
o m e j a > d t o f o i t g a l n d a e a p T v i s h l i a r s .
n t n n M e m d u c o l o g e n c v a h e l s a e p
t h a r o d v a o i a a w w o c l c e e y a p o v a p
a e t e f l e l t t n r n a s u e o o f o m t ' r m e n c
i m e t o a n o e g e t y f o s a n f u n e s o j e a d o
n o e t w n p r t a a " r e n t n e n t e w c l q m
e d m u l o d T m m h i w k o f e s a a i c t a t s h c t h e u i m
d e p r o k e m e u n e e d a t a n n i o p , r . a a t n
i l l s l i p l a t n c g b a o i s i h d m n p a e H t r h d
n (t a k e t h . s d l i t n e e r u l a l f o n e o s f u e f o
v s e H e - t T s e t l g r c e t i i t r d d i w u n r l l
i t (T h i H h h i o v e t m o a p l y . u a s t a b j c t u o
w o a T s : T e s t e l w h i o n d e F s t i n n e i o n w
s r a n P d j a R s t o e p l e g f i e a a o e h i c t d c t n . n i e
 . e y r a n g s i n o r e t s c p b l p r r r a w i v n d
p d f i e a n g s i n o r e t s c p e . p e a d p h e , T g b
y i l s g o p c t k e r o w a t e . p e a d p h e , T g b
) n e p r e o n i o d w w s h i t i o f A s . x u a p e b o s y
w m e o q u s e n e o i t h i c o p s i E a t p s n u d r h
h o e n n e s t / r n a m h p t y t v e

n e n a lt-s o e to t r e l l r e
C m c t g t e in e l i t o d e n a o j d j
h m a o t a D j f s t u r a t w e t d e a
a a r h c a • a d a e t f r d c t n
p t n g y e h n m y a t b h a m h D p r
e r 2 : a e D f n g i g s a a a o j a o j
H e l l g . j a o l e g o r a i n b s t t r t n e
o e p n l o p o t i s a e d h h l y g c t
w . g w a A o n s y s t a e e . o / s
o r p o i n g e d s / y s t a e m b d e t
l d p s o i n g e m k n e b l t h o E o t i
A y s t h g s m c m e e d g i v e n
p p a a f i l a i n e a w i o s r e n n ' p
3 t t s e p a e p p t h d • q n i n t t y
5 a a c s : f i l p p s o e l t e y i n h " f i l
r p e c o o e . t r u r s s t e g .
S a p a d e s : a p w s . s t T o k e .
h p g e s p s a h i p y / r h u n l n
e d . p c d h i s e g o y
p w t . p k a t c e n o h w o
a i t a d y o f a h f o d n l o " u
g l f h i m i i s o f a D j r p y u a r
s y n n . a a b D j a r l t r b t
W o i t p p y c n a a p o r h i n o e
i # u a a i s o y s n n e u x t
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o a k w o g a m a p l o i s p u t
w c v i p n u r n o d u t g i s i p n o
s S s g u e f i a t g s . m f o M g x i w o
a l s i g i o e p y a t c r V i s t e p
((l y d i u r n s i s i c t e T a s e e
v . a r a t f i l t o w a l s t a r e i t p l t
e e t e — i o e o h l y s t t m h i c h
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> % e l s f o e s . e s l s . p w D d p
p w o e r a p y d a t p y l e h i a i t
p y o r n v i t h p f i l e e i s p c n t
y h l d t w e p e f i s r h g o
t o d i a i w b i t s n i n l o s e w o t
o n r n i h u i s e p h
o 3

bC j , i k t a e l C i a a d l n o
uio a n l i n o c l , i t g r n a D n
lt d e n e s t d k i t e g e d p j a e
C h - g s a l o P i s e o c a p n s i
a in d o " l e u y t c l a s . o p s g n
pt D j . d , d b l t h s . d n p a o , g l
er # a c j i n e h e # b f s n f o e
2: n n o a y q o n . P m u a d u d
H g d g n n o u n a p a g e e s t r y n
e o g t r o p a g e e s t h e s e a
w or a j . c i . a r t e o f e s t h e s e a
ld p a n o b c g e s m t s a r t u p a m
A p p s g n . c n s . t . T t t e h s / a B h i u e a t t (a k
p r _ r o t . e d i h i n s p i g A u t v i l l a k
6 e p i b t i p p o r s u l y p p i t e s w e n k
ar do . a n . s . m . P " A h n C o n f i d n a
a y j . a n . s . m . P " A h n C o n f i d n a
n t e d t m t e p n e . t f u n C o n f i d n a
d h c m t e p n e . t f u n C o n f i d n a
s r / i n p s a g e s a n f i o n f i d n a
ole . s " s e s C o n f i o n f i d n a
l A e , " s e s C o n f i o n f i d n a
d d t , " s e s C o n f i o n f i d n a
o d t , " s e s C o n f i o n f i d n a
w p i n g s d j a n j g a d j a n j g a d
n a n g s d j a n j g a d j a n j g a d
t g g s d j a n j g a d j a n j g a d
oe s d j a n j g a d j a n j g a d
INS . s p a d j a n j g a d j a n j g a d
Sa p y n j g a d j a n j g a d
Ap y n j g a d j a n j g a d
Ls . g a d j a n j g a d
LP . g a d j a n j g a d
Ea . c o n g a d j a n j g a d
Dg l c o n g a d j a n j g a d
_ e N o n g a d j a n j g a d
As S n c o w n g a d j a n j g a d
PC T r o . c i n c o w n g a d j a n j g a d
Po A r n c o w n g a d j a n j g a d
Sn L i b r n c o w n g a d j a n j g a d
w f i L i b r n c o w n g a d j a n j g a d
hg E . i t g l e p l y e o a r t i e
ea D a b r i f q u o s m t i g h i A d w o p r o j e c t s a n
rt _ u . i b o t t e s a d a o i C o n f j
et _ t h e . s s a v e h o s n p k t .
y h A t s b o t t e s a d a o i C o n f j
oe P h e . s s a v e h o s n p k t .
u ' b P " s t a v e h o s n p k t .
l l o s , i a v e h o s n p k t .
stt = o t n i B l e r t ?
eo = n i B l e r t ?
em = n i B l e r t ?
si . l d " f c B l e r t ?
x l d " f c B l e r t ?

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wih . . ees **t r** he bec g us)ela o o he o uilt s
ll e T F l a a **p n** et uiue " n . ar tr n e r fr c - e
dh hr i t p **i** n e l t s p H c O t i e m ' t a u l e k l i n s
o) d a o n e p **mt** e x - e t s e l t i u v d u - d a a y g s
t a t m o t **p** v t i n r . t l o o r e l w c R d i n d b e u
l i t ' a r l o **r r** e " ²¹ W h , n c y i t h e t i d f e n c
l a s C l l f i o **t** e r H m ' e W . o s i h g p o c o o r i a
k y i w h o r k s p t e l e v r e o b d m o r e n o r m c s
e n h a u s a t s p o h l o t e q r l a e p l n l e a a l n D e d c
d t a p r t s t n s e , h c r u d s i n e y a t - a c i j a s a r
H o t t p v i f p s e v i W o e ! " e t t F t Y b s n r s e
o t w e r e o l e " e o d a s t e t t F t Y b s n e s - a
7 e o a e r o w l o s " H w r l s t b j h v i s i V r u r , o p b t i
v ' l 4 j . w o e f d o e b j h e e m s c r a h n e a n
e a v l e S s : n l u ! " w d e e w x p l b o s c o e t i s g
m i d o c t s o n M e a c t r w x p l b o s c o e t i e a
o d e o n t a c e o c t o c f a e s a e u d e l t i w w v d n
e l a w w s r t o d e i o r a u n a (m m t e f) o e c e v i e
s o t h a . b e d W o n e n n r F p l e o r , n v o D e w
p y a s r d T u # e f r h s r c t e B e n v e a o e m j a w o
• c b o e s e d p a h ! " e c i u c o a f n t i a c B a l s . a l C ,
v i a e s w n a t e m) P f i r a l n d n e e l i n s o B o V ²
e s t t e e n i s / v a g c n l e s y c l c x a t b m m e c s)
w e h o ' l x g i g B e a l a d a p a t i p l d y , e a a c o t
s) e l t t e e a v i l y r h r e s s o i c d k e k k u e h
e w k b s t h w v s i e , e o s s - n i t e e x e e s s a
t e e e e v i e c w w s m p o b - . d e t s s e w n
m o e e p u p e y (a l i s e , p e o f a b D C p e t t w i t d l
p l c d a e s i s w r l y c v o a n v i s a j a B s n h h e b a c
s t a e t i h p q u l e j s e e w e s n V t d e e d n o
e n l t i h n e y f r o e d , m e v i w s d e g s h i e m m e u m
h t a m l h s i g r f i l o s r p o e i t i n v i o h i g v i q h e l b o
t m l h s i g r f i l o s r p o e i t i n v i o h i g v i q h e l b o
(a a n n e e m t) e o b j w h D w e r i c s a u i a o e n
r o n e e m t) e o b j w h D w e r i c s a u i a o e n
w d t g t f i n) e o b j w h D w e r i c s a u i a o e n
h c n s h o o d : s t r e t t j a s w g i h D m t r p r u
b o e i e r j a n g o r n t o t s t o C i t a l l o Y i n p e e f e
m d e m m t p o a g e g t h t a r i : B i s l y w (s . o r n b c
e d e l d e r e g t h t a r i : B i s l y w (s . o r n b c
e t e r e g t h t a r i : B i s l y w (s . o r n b c
e t e r e g t h t a r i : B i s l y w (s . o r n b c

Wee e T r r n y n M c w u t O r B g i t o p t u
er w d h s s p t m o r i t r l e n U y D e h n i o n s
C h w e i v i s b - o h a v i e h s r t R r j w e f o r e e
a i l l a n e c u i s e k n a t n h L e a s r r a n t
p t b r D w u t n s i e e g t h i s e p f n . e t h a h
2: e e j s s c c l b n u o a f p = t a e g y . e e e v i
H e l u s i t a (t o u l d p n n o l o t r t l u m d e w
l o w n h n C o n d e o y g e l o t l i e i o e r p t o c
o r l d g e g B m f i a f o w w w n r n l a U y r a l
A p G r o V i z u n n t u e f i l i n p n r n g o n L s t e n l e
p C e : s a s i g d h r e c c t p w a t o d p r i s d
3 B f f), t i n y r i s o e a l o h a t e n o k i a n e h
8 V o u a o g o e b w d l e d h i d t w m e g n o m
f h r n n n f u v o n t d e f " m o h i p r n t e p
o e e c d i s o r e o m o u r : r " p n e t o n h a t d a
r a t t i g h r a r t k i c l s . p c m r h i i t s h b g
m v i e o e e n u t y n o y o d h t e e n t t h r e y e
s l y c n n l e t o o d n w e . v o p n s h e f e t V i
l i h - e p w h C u o f i t e m a e . h e e m e w
s t n b r i f c o B w n g h i # i e p t x p e v e c e e .
v i h a c a c u o r V i l l w n r t p w a h t y c i a d m 2
e i s a s c l l m - s h h e a g e i v r n l r w s : t h 2
w o y d s o r r r v h u e e s i m e e r e t y
s o t v i s - r . s e F e a r p a / u r r t D i . t m a e t r
p k h e b a M f B u p U g R e l s n j m v d e p c a n
a i r w a d a e V s p L s . s a . h a m a p i i P y t l e g
g n e s s v n r s e r L s s . h o m e n o e r a h d ""
i l a e (e a y t w d o I n p y m = g r w e o n o D
a t e w F d n D o h a a y p e " h o t w t i r e a p j a
t i o r a B v i c j a u e l l c o . P a f r o m e o u e o e g a n
n c y V e e n s n t h u T f r g e e V i " p r a r w a r s o
, h s s w d g e r h y r h r o e m e " o v e y e s h
a a t), s d o G e r o e n m i e) w i t e e r o x a
n p o c l (e d C q e u x u d j a n g o l p a u .
d t w a G v e B u e p t p d J a n g o l p a u .
s r i s C e v V i r a r e d j a n g o l p a u .
o s t s - B l e l s e n e d i a u r l o s i v
n e b V o o w d d f t t t r l o s i v
T a a s p p h . c e o e o l p a
h v i s). e e e B a r . r , i t a

ant put ng t l n n y (p 0.
t gh or h t e o e k s t . y 0.
C eo . r l (h s t . o d h i v t 1:
h op t p " e a h f i s n e h 8
a ur c a " s p e T t t i g n o 0
pt er ro jo a t , e p p h i h n w v n 0/
2: d j e d e d t c . a s e c o) 3 it
H el a c e m e i o N g n t t r m n o
lo nt , # i n n o e e o t k > m o
w g l i n c d w s e p o s a n w
or o k n s l i w a d - e a p n d i
ld _ e j u n h p f l e a s y a s
A p ro p a = d e e p o v c e t g p l
p je a f e n n a r e l h x h e a
ct g e g r (e e n t d j a p o . y
3 / u s o m p t e t o n p c y s t
9 r l s _ a t r h s g . t m h e
s . h _ p e d g o a e e o e a r h e
pe rr j a s p u n p _ W d n n t e
W y r r o j a s a t s t a p e , a s n e
e file , j a . h e o r a r r h g e x t
' r e . a e c h r n v i h t e v s t . r
e l t n t . " l s t t h u u a l r t y e r
a / s d t / . " u r l s h s o r l r l o r
m o c h u r l s m) e t m s . s . t u r ,
s o e l s i) n h e p p h r u W
t m y s . i ' c e a y y e D n l f o
d m e a . p i / r h g e s c j a s y o r l
o o n n c h y m " e o e s o n e o d
et a o h p , n e a m v i s t d g r u !"
th n o r n e t e e i s h e o v r
ta e f r t a w e p w o e w s e e
hive f r t d a v f t g e e r f r
sed r o m j a g i e a n r e
p m t m p i e , w c e e e # s
oi ul h a n w t s o w d r : m t
ntie t . W U h e n a n a h H
t . p i r d h s W R e t f y o S c e l o
T leo j , i e ' v L y i u t w h O b W
h a w a n i e e a i l l t n v T i S r o r d
ep n g o n i t t f i h g a o # w h o
lap d g o n u m p e r e t r i c (s e m
s s e . c r p o n t a b u n W . r f a
t w d . l u l s) e d b g e s f i i v e
s i t i c o n d e) , d o e s / i n r l m d n r
thia e n t e , i n c l o u s . e a e w) t p
ent n t e , i n c l o u s . e a e w) t p
pae t r i n c l o u s . e a e w) t p
issid r i n c l o u s . e a e w) t p
t n U b n e d e p o a d f i
og R b n e d e p o a d f i
ule L e w p o a d f i
p D p i w p o a d f i
djaa m a o a d f i
hi

s r o i t i n e l l n i n d f a o h g s t n g
t e s h i t t o c l a p a g e s /
h a . i t C h f > t h i t A u e n s h n e
a l l T o o e o m o e i s P t i l l d b e d l i
p t e r n l f l u a t h t c o l o s i u c n n
2: d e y t r y a r i " n h h u k n G c t o o e
e l t f i . l u t h n g a i r e i i t a i t n t f
l o h r M + t G a o o d t s c y s w i t s o
o r l d e s a c h i t n c e o n e s t h e s e o r
A p v t k , e c g o i d u o c a o a s a n u .
P e s e t n o e m n t o r t o n c t t w t r v
4 r t s h t m s i t l c v a n d r t h a s c e
0 s e u e y m s s u o m i r b t t e o i y a e n
i p r n p i t o e e m t e r h a i s t r c v
o i e r e . f i t b u s o e t g i o e o .
G n s y u t S a U i u
i c t o n s t i r . n n t a t l l i e n s c p n
t o o u t a n t u l p s k a o a o r t
n i ' h t c s r w t r e r i e n r " m o r
t n v e u e h a h a n a n a e e h m b o
l r i t e c s t l k t k v c c r w . i u a l .
n o i s o y h (e e i r t i e e T d n b l
t l a t m u i s v i f i l o c s o f i h d i l n
h s l i o m l o e f l e n e e f t l e e c y t
p y z p a l u v l p m . c e e p n a m h
r s e p n s r) e b e l t r n c e " t e i
t (e d e f i s e s n s e i a r i f i e a s
e e o d g e r > : e n t h t n l l o l t n n
v m r t i t a s c t . o i c e d e o t e
i a h i l i t g o (. u n l d a . d f w
o G d e n s c t i m u v e l f u . t T e o
u i t d l t o u i e n d o d g t h v r f i
s) o ' o m s s t " g i v b r e i t h e e c l
c L G c s f m t e t i e m d i e f i l o e
h e i t a h s c i t " d a s k a i g b l o n ,
a t t l e l h , u g) d i e t i n e e p f i a
p t l l a t s i " i v e n o g s e g d
t s o s (. n h t t h n o i t , g s e g d
e u o e v g i s o r G i e c t /
r s u r e n e l i O a a l t h . e i t i r u d
w e r v v s s n d c o s T w n l l s r a
e i t r e) s i t b k u u h h n e t a s
i h e r g i n i s r < m a n e e i x h t i
n e p w t c a a f e o h s c n i a o n

nracfiunnlleatst eaDnolin mnit
yecultmoern.thtvj g.lncppgh
C odkr-ependCd xehenologeaota
h a u" arwuner tr. t irei g tn cr hm
pt erwb geitt ts el. fi drn o r iesikt ee
2: illy Genhtat q + s l ees = es etaacs
H els G uic h e pat 4 l Pvi gn os
lo weitst thne r al w era. o i oyeset mg
or e. i bhedp en (. ill nell eftr s. ae
ld A t neiscb: md v adae sthad Wn(-
p h A ssi oyo e En pecds eoliae dm
p at t t nnuun nv pntoq onnof ae a)
4 t t apft sit ts) e ciun l n d d
1. v h ll roenp. t e pia eal a t phi ex - s
e e earngu x r pr s. lly r so haecqt Ac
. v s dcm t t t. t e w lfy o e t e c r u wari
gi. i s a i tiasht l f o e i t y f n = h k s l i a n b
ti n m n c t i o e h y e e h o o e = 0 e c a t e n d i
n o e o e o f > e x r a u u . . r a g i t m t n
r e l t u i s n y o c u i t e l l r 4 p s e t o e t h g
. v o m r t . o p o r b q o o p r . e 2 a e d n o e w
e n e v o T u e n s e r u o a q u i c y e k t a n h
v / g , i r c h r r t e f m j k c r k t o p e s d c a
e w t r e c a e r o e n i k e T a h u e e t a m h
r e u e c u t n v r n n n a m e h g a , n p x l l m a
l f t d a a o r r o t e . e t t s i g n t a e t r d t r i t s
y h o l t m e r s r e t d e s t , s w e s t f e t c
o e w e e m n w i s n l l t e t x , h r i c h
u r a n a a t e n t i e h v a f e o o a l e e a
u . n v r n v c t t e A d i s e s o n f n c e n c n
n l t i r e d i r a o l l r i n p f i n g b r t k t h g
g i h a o q p i t n a r n e a l t r c u y e a i h n d
t a r n u i p u d n u g w c e h e f a p u f n e .
s t s e m e r f r a o e n t e k y o = u p i w a v g s
a b c e m e l a w i h q a o u = s o i n e l e e a
t e o n e z e l l f i i s u i g u g 3 e r n s l l r s l
s e r t . n e n t l n c r e ' l h 4 t s t l t y b o
a n d T t s w h e g o e s l w . D , t a . h y n
g " i o h . t i l l i r i s c e m a s e 1 j t a l S e i u g
a g f e x o o i a m n d e h j t a l S e i u g
i n f e x o o i a m n d e h j t a l S e i u g
o p t o o i a m n d e h j t a l S e i u g

i ey s. l er chat H i r d o e g C r o t o c n a p f m
t c . a t W 6 n e t i n w u n i o s o w e r e " h r r g n a o e
C h c t F r h e t m . n t a b g v n u k c a e p P e y o r t . s r w
a p t o s o e a w . o T g l r , a ' c b o n a o r i b i s l l e C t m i l
e r m a r t w h t h y e B w t t h u m d t s i v o n d p o e e l
2 : m H i e o s i l e e i h , i e e i t e v e t a t t o o o p i t w b
e l o t . f f h l n **G** s a i d t b n a r e a o t o w w s i y i i t e
l o t . f f h l n **G** s a i d t b n a r e a o t o w w s i y i i t e
w o r g f t o c **i** r w p t e b r a s l l s r i n y " n t t n h d
l d - i i e u o w t e a p a v u d a d s t . f e n r f c o o h t m i
A m t c n l v e **H** y e l l e c e t v a r i y m t r e t y t y G e
p p " i i d e **u** o n o l k v h e s e g o r e h " a h f r e o i t r
i g e r d b s y s w o e e e r s e n u e h e C t e o x u H e
4 n n e q r d b s y s w o e e e r s e n u e h e C t e o x u H e
2 i o n u b t o i o t s p t l r t w s u r p e l r e p m t r u n
t i r c i e h t u o f e , o t e o e p e o l o t e d a i c b t .
s a e y t i a t o r a p h n r r f m s i w h a g t m o u
h l f e r s , r h y r s n m a t d v o a t o a t H e h m m s
e l i l a e m p s y a o c . d e n l s i c r i l o r n e H e h m m s
l c i l a e m p s y a o c . d e n l s i c r i l o r n e H e h m m s
(o e n a m o p s y a o c . d e n l s i c r i l o r n e H e h m m s
v m d a o r a v u o p n y o e a a r d " R o t e e m e
e i i v e o f c a p i , u p l i o e d " n u p e w o i n n
n t s s f e f g y a o b u t i b o n f f e r p d b o v h m a d a
v " t e w d t e o y a o m o l l t l i s e e a e a c l i s i e e m t l i m ²
) t e w d t e o y a o m o l l t l i s e e a e a c l i s i e e m t l i m ³
y c h s d u b p r a a ' c t . r c s g c . o t e n l e o
> l p u f o i r a u a r b s r c s i c s e k " r h i t d y . f
g n i r d r r o h c c t c . b e r W m o . l o T y e s l i u H w
i c i i o o h o k e i h W e p i e i l u T o n h . e s l i u H w
t p a t r m u a d u r o o h s o t w a n h c t e " r a n n e s
a r l l y e g l i e p a n i e t s i l r t e a h n e y e d r v i
d o y c h l i n c n t i c l f o n t e c Y i s s . e e c
d f r o o l g t f i d w e o t a u n n e r l i o n " " r i s e
- e q e r o o y g t f i i s y o l s n G a d a c u o . . . T t w n
A s u a i r a r m t i o s r i e c i t v a d k r c o h h h t .
s i s e c i d e o h n u t i n G t i H i t i o f i o r a i s a Y
i t o s e n e c a r c ' i e f H n b a 3 . b t s e u s e i t u
(o e n a r c a e o l r c s o u a ' t u h s e u s e i t u
v n s n c C d e h s t u e k s r b l i s e E t t e t i s w a l r
e a l , d o h e t i h d o m i t h t n o b r n h h d o u
n l e t n a p e p a m e e l t a n y o o t n u e i t a a l i o s
) p n h t p l r p r e o y t t f m t r e o o e e w e s r
> o t r e o e y a j y o i r p u o i s r p e h t a t S i s w n k a
g j h e l r m e t f t n n b n a " e t t t i d e

t r r w s h r r o i s r y n a l T i s a s o r y u W v ,
t a s i i d s b n e o f i t h i s w n d k h i a h
C p n t t t a l . a o i s u g o e h i s a p i a . e G a n t a
h a s c l i h e s i c w a a u u c o r t l T y i v d e s
p : h n . m n A k g r r d c r n o h l h s t e o k 2
t e / - e t T a e s t h o e e n o y e t a e a H e w e 5.
2 : / H g M h h i s o o o a d o r p - o a y n u x s , y
e l o i s e e n " u y s d n . r e c m c e p d b i s a s , 2
W t s e e n " m o t c e e c m c e p d b i s a s , 2
o h m y w p i u e h w s a t m e o r r r t i n y 5
r l a n r n h u n r d a h f r e t l e o o s c n d o
d u a n r n i s g G o n d e o a s h u m f c t a g L i u
A b i c e e s g G o n d e o a s h u m f c t a g L i u
p . n s m x c h e i t n c e l m c s i s o p e o n S n ' l
c t o t h e v H j e v r e a n e t r s r S u l
4 o h t l i s e u n t e e s g g d e i s i a H x n
3 m > / e e n s " r b e h l m s e b v i n c k . e
w l e w t y w i a o E t m u t s a n g c e l f e
s s g o r h h t e t p R e i e t o e c v e y y d
h v i t c e e t i p h r O p h n b r y o t s s . o t
e i n a p s w n a e a R o t s i t e v l h s G u o
l c p l o t e c g g n : s i s w o n e o v e t i t d g
e u d s a o w e a d o a e f s r n e m h h o e
n s i b d o a s d R y n n a u . s e u n n
> t h r t l i w e r n K o e . y d e h r T t g o m b ' t e
/ e o s a k d e c n p e a e h o e n . h h r
g h _ c r h n u e r y o o p t d s i p n a a a
i e u t y e t p d e m s l h t s l p n e F s v t
t l o o s . p f r m h i a o e r k o y i r 2 e e
r o r r n t A r e a a t s r c t i f a o s 4 t e t
e w i y h n t o s U n v o e e o o t u t , h x h
m o g o t e d o p h n d e r p n b v o u i r c a i s e
o r i n h e i t f y S y m o f i e a f s c h t t i m
t l n h t G r l . o i s k i g h t i e n g o e w n .
e d e d h i y Y r e H n e t u o e t r g o e w n .
. m o e e t , o t l k o r n a n p c o g G
a g a u G f e n H y u u d e t s y e e c s a u u k r p i t
d i i r i a n u o r n e y u S s o a m n t w k u H
d t n c t u b u l a d s f e e S t . n n e i e h s b u
o H l t , c o t a a o x H n / q r e f l i b
o > m t h s a c e n l r u y s k S e a p u s t o c ,
r T p b b e s n a l e e n o t e S c d a e o h r a a
i g h u r s n l y r a d u s y H t d s o e M n g
g i e t a t r o c , r d . h s i i s s r a d a
i t e w n h v w o t o y f a . i i w s o y c p i
n f r e c i e d h r c a v T s n i o H o , r i n
h b i b e g e e i f o t e h n i o H l o , r i n

eeohhi fuucog^uf ugnsa lfaeo
dyuett t t l b t i n t ^suroaen Y gwn
Cha asgfihhit , v gh i nfi' brd^oaeu
n. hreamp^gt ee drsovpbn'ls
O d G i s b f e r o e r v o a s p u e u e s l i
s f i t t o u s o a c s i r n m t r t r s c t b n
u r t b t o l l a g e m e u e D o v . h a t u g
c u H u i k n c r a m p a C n j j i A e e e d e
e s u t m a i l a d a a l o t a e e n d s ² a m
s t b t e n g e m a n r e n a n c w d o t ⁶ a m
s f r h h . d h a m n d e n g l g t s w u n p
u a a e l f c t r i d . n v r c o / , e r k o d a
l l y t s r y o s h n e t i r a o a a u w c a n e t
! e a e o m s e g x s h o t n p p r o o t t i p e
l d l a u e l a i i t h e n u c p p l r d a n l s
l i f o l i ' b e d s o i l s m e l i s s k e y n u o a
t , y t t r a e h s r (. s n t i t a r a d n o a d
s o o y e c p a u v e o t i n m c
n u f i t k . s e i r n n i o s t i u n w t n t o l
o b r s r t l h . t) y s n i o c d i t o t o r a
r e e i u o c e u > o n s n n t t h a m C e s
m c s t l S a l A a d u o ! t a u h G p a h c s
a o o s y S n p s l a r l W h n r e i t r k e a o -
l m u v s H ' e s e c c o e i d e i t i s p m b
t e r e t t d m v a m g v c e W t t a r e l s
o s c r u k c m i r t m e e h a e e r t e r e e
f t e y c e o e n o e a r c a r s r a e o ³ x d
e c t n , s n r s m y d c o p n t n c r c : D v
e k o t c a t o u e o l i t i v t e a a k e o P j i
l w w i o n t c c n u n v e e d r l o p m a a e
o i a m d h e c t s e e r r a t D u o a p g n w
v t l i t G e s e w h , . e . b e j r o r a e g s
e h k d i j n s s i t o i d W o d a c n e s o .
r S y a n t u a w t l d C b t o g a i t o p p ²
w S o t u H m d i t h d i o o u D l o n H r w l i
h H u i e u b i h e n c n t i l j e w g u c h c
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hg. hahwI i diemj edyh
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c 1 v) e e m t p n g : d s i e e r .
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r o v d a d o s c R i e d g o j , a
i n) j a i u t t e z t j o n a s
v) a g r a m e i a . c r g e
e - > g . c l d m u g o i o w
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C r f i " i p . p m s d m r o t t u t h e - a m h a a h h s o c l B . y
h k i t l c h i b s a l e , w s a e p e e s h e t c - t e o c t e o n h a y p f
a l e i . e n u r l a p t e , l t r m i e t t e o m h e m s f i t m y o
t n e m l t t t a n t a h b o a o o p p n r e h a p a f . ? c e t l s a f i r
e s p k l o o t e g e s r m p j l l g d m e g n t h l o h r i t d k l t
3 : e l e o d i t s e i o l e a a : i r p o s w e m T o r t u c o i r i e e
P a d a a d c , a o l n h u t e u a c t t e e l l a l . h a r m c t i e n w m
g s n t a W e i g i t a s e v n c t . e e a c a w t p e d e l t s n c g e p
e s d e t l o v s n s o n e s e t e T l s c t t i l e p W e c f u . s t a c l
A p a s o t l r i n k t d n t h o . h o e n - m , h s r t i r T o s a a
P i : g h d w t e h c m o t o e e a H a r f i l - p p y h w t l e T o s n t
4 c n i e a " s t a e h o a f h m f m r d o p y l a l a o a e e e a y a t e
8 o n t t . a r b a i p e e w p w e o o t e t r n m m d a l l e s
n D h p s i p e o t t l c l a r e n i t . u m e s h t t p a e c n t l l .
v j i e s y c v n t u e l o a r w w e h t : e s , i a s l w k i r d w D T
T e a i n t f l e o r a p a o e e t l r d h e a t h L h i r n s t t s s a l a a
m n n d a e i e r s p l n n . s w l t s e r y m e d s w o e h , t a k n t
p o u n t l m w i a a s w o o h a s f u t n e r b W n u a e o o s
l n a d h e w o t ' y e e u o h p k s e m T r l l m i e h r e s a o t t
a t l e a . e o t ' y e e u o h p k s e m T r l l m i e h r e s a o t t
t h T a d T l i l . s p f i e i t i w t w e e h y y i s a t e e i u o h
e w e M l r t a ! n l r n w o w s t n h u t a n s a u g t e a t r g e d / a
s a L s e h t t e e d i r e t s h s i c e m u a e e t y a l p s e n p n l r
y a o v e A e c a l t b t e . n t m e r g a w e t l e r o p l g o o
E p f i o t m o r t i l p c s B e u p a p e n m t y n e p e r a o o a
v t p i o p n n e n s h a o t y a r l s g s d p e h n a h o t - k c
e o r l n u p e b l t u u g n r d c e t s w i r l p e s r a j e - p h
r o e c s h c e a a h o f p n e s u e h i e h a e e a e u i a r e s p i h
y g a s l r h t t i o o f p n e s u e h i e h a e e a e u i a r e s p i h
e c u a n t e n w u p d s i c f a s s e p t w c t e u i a r e s p i h
w n h d h s i e e n w r t o r e t a p s d a p - o t e t D r i t e a c w n w
e e t h e c r , e u r e w e u p o i r p D u o i t i j e t e a p t i t j h l
b r i a p h o e e s t a e , o e c , a e d y e i n i a o p l i c s u
a s t b t h l a e i s b , h t i o D r w t a g p e i t w e o f p s a v t s i r e
f t a e a l p r n u i c u t o f j r h o n o l e w a h h i s u c e h e .
r e t s r r y p e s r h i h a n a a e a r d o t d t i a t n ? c h l e i c
a o a c c w o y e e e a l o i D n l t y t u e t h c p e d r h w e r n t
m n o o o a a d p d u s m j g a c , h l s o e h p m s T h m e g o
e T u u d r c s c t t i s i w a o t o a e e c n i r p e h m e g o
w M s b o r e k h e h e n a n n ' e n n n x r

o s u o e r e y h n v l h e e o e a y
n h p n t o l w o e f e e d o r l l s o
C t r e d o o j u " i l s - e n n o o n
h o l a f t c w f r t N e i - x w s b n .
p l t + t o h t i l t o e m > t i f o j l
e r c e u e / i e e p w i t t o v e y
3 c d r s s t x n e e h u e c
: P o (j n e e h t l F e h < p n r t o
a m a e t t i c t l F e h i s f d a s n
g m v n w t i t n a e i l t a 1 s
s e m g n i l l d f e n d > t u n i e
A a o n t g e i t . e n H c E n t d n
p n v - e " g t d t o " e o o a c h d
p d) r m p s h o f M f m n r t e o a e
4 . o p l . e r y a o r p g l i m v t
9 T j l R y o : o k r n a u y o s e m a
h > e a s t m i u e r o g e n e r o i l
F e c t " e e n r w g e v - l a d e
i r n m y e u m e n r e . e o v - l a d e
s c k s s n T p h s s c < u e b v g e d
s r d e d d E l t V c u t c / r r a e a l
t , e i t t i r e M t i r r l o h U s s s i . i
q a r i e r P a m i r r l d 1 R s s s i . i
u a n c t L t l . s e e o e > L i e r n W t
i t g t A e Y u e c a o d e . r e
t e t s o M E d o a n t a d n p W m
h a e . o m P S i u l , o t < O v s v e r t
e d m p r y L S c i ! k i o j a i e f
r i r p y A r t l i , e f e t t r
u e l t . T = e c u c n o w D w i e a o
n c a o T E c a d k a n u r f i j s n m
n t t t h S l t n i o m t t l a , g a v
i o e e i . o o n T e e n b i a
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g y D i c y o C . a e p l o t h i w m
s c j s o d y o C . a e p l o t h i w m
e a N a a e o f n o h l a d e e o
r l l e n o c t d i l d m a t C o e w t d
v e x g n . r h e e . e i I n v s h e
e d t o e " D I R S " s h s a e a t a l
e t w t - # [B A S E - a m / o s y l m t .
r e e h l i D I R g a m / o s y l m t .
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i t p e l e j t e s " d e l f o p s p t i n
h l e o c a # t n e w e e h e p l i s d
t a d c h n a h t w t i r a s p
h t d c h g i o t h i l . e a s p
e e t a a o ' i o t h i l . e a s p
C s o t i n _ n n h l h ! p s t t l s
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 . g p a m

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oseae^xut^seo^t a^{tt}oⁿh^orⁱw
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-rt^ries^hie^cv^ope, soe^{pa}. t^h
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j, . Tc lle Ce o tn Hvv
a sho enl . m hua o ei
C n i endtia . opv e re
h g n t cd p c s c . m t i p y w
a o c e o l i a a s o v e h g a s ,
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e s b # h n p w i e p w e t o w
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pt hnsyeaeaYnvroanoeaoo it
ttt-tttrribo emlldpsrr f tbs
ei i- srrribo emlldpsrr f tbs
3m f- oeegiutrace etttau nia
:e.i- io hdrhbnoro iwadn dnt
P ve- nki steseocmfo nondc i iu
a ed- nki steseocmfo nondc i iu
gte- nki steseocmfo nondc i iu
eo n- oaset eysebutf kt ti ai o
s vn- tateblae imetioeo naf
A)o- o t s y f r . r n b n h n n s n d l i o
pc -o o t s y f r . r n b n h n n s n d l i o
ph -o o t s y f r . r n b n h n n s n d l i o
e > i - 9 u l i t) e A e e i g s t a H z u
6c s - s r o n s c s a r s s t e s l i u p i r
0kp s - s r o n s c s a r s s t e s l i u p i r
oy u - o t t g h o s a s o u b h w e e t b n c
ute- Ke o G d e o u f b o e i a y s g h
reapns- s f t e i l t n t j o t h c t h a
no- t n n f e s t e e k f h o h o l o n
sam- E r h c g c s i s c u w t u g
nt 0- x i e e o c s i s c u w t u g
verse- n p r , o t t p t t d a o s h d s
bout- s p p a n b n s m b i W u a e n u t e i .
whi- g e r l l c u t u i e u v , r t a d r i m .
oGontai- l l c u t u i e u v , r t a d r i m .
rs(espote- l l c u t u i e u v , r t a d r i m .
kge- i c i s y e t a i g t e e a s D m e
ken- i c i s y e t a i g t e e a s D m e
"<h1>A
Eout- e o t p i u i t h t _ l l b y e j e u c
Epe- e o t p i u i t h t _ l l b y e j e u c
Page</h
>)- n i o i e m a o s s a e n t o
r - c e o n i o i e m a o s s a e n t o
y e . . e n s s f t d e a t p p e n r g o t r
t e . . e n s s f t d e a t p p e n r g o t r
Rh- da. e R e x r i i m e s d y o o y
ui- n F a Y a p e s c u c . t t a
nn- a Y a p e s c u c . t t a
g - p d o g s n a i a b h a o m m a i d
t s - r r h (s d n m n e l l r p e o k H c
hsy- one o s d o n y m n o j o u h
ehs- gox d D w e s r s a o o o r w e u b e
ot- r t a o o e s r s a o o o r w e u b e
tum- r t a o o e s r s a o o o r w e u b e
el- a e m i , t f n v d e c , a t c w k
sd - a e m i , t f n v d e c , a t c w k
t c - m p d r o s t a e i n a . h e i
sp- R m l e e r e o n t w t d a ' n
oa- a e h e a n p n c h i w i d n l l g
ns- k n f e s n p n c h i w i d n l l g
e - r a ' o p t e e s a e e t e s t g s

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an d aeon,rg i cn peeuo.
p^vt^veonnt teea^t"tke yrabr v
e) ut tthc. d oox^xand ie
3 :>cr^tfr^oet d n^ti ni ugn
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a hv^hilla r^h Os ps dnosi v
g ai aecc r^h Os ps dnosi v
eg ai aecc r^h Os ps dnosi v
si nrt, kouⁱ el h gi pl. wr
A nseⁱ ee^ena snh>
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vt hso nilt nt mdr te a n v/ g
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t .ncp/ se i t i p i d r e h d m s n
uvcre a i ut a i y es > i
> se lec r i s go "i t m
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i deey n bea(aut am l w n
t i d w en l . " n t t y m e o i l t
s r ? a h i t n e o e n on " n i b r / 49
i e w as g d m t m . . d n a e m a
i cent t g d m t m . . d n a e m a
t a o e G t i f i) a k T O r l i o b y t e
l l r d w i u g i l t l e h n p n i u .
o y o t s n e m > e s t r g
(u w h w a o s e c s n t h . o i G a i

e i orvdl n tgi gt nr pa taodrec Adau i i L,
Covcsnoa d9ci etewpppri chnu e. t duds dot /w
hueo . di ce^soodh, ol r rrog aedr scHo⁰ti be⁰ni) e
a prr di ul r v m n. boeo j h ni aeter nhnu m^{ssa}
t YesLcae^eye, i uprj vet r w c t e r a e e g t a l i we
r s o t b a l . t t t t e i c f w a c u d o u n h i f m e o
3 : i n t c i l t o t a n s i i o c d t o s e i o p k t w t a p e n u e c p
P a t e o a a o e e p T i o t o c t e s r i e b t u t u h i r n t a e
g e l l n s m h m w i n o s r w g s f n p o e t c c o f a c o n r
s c a l c t e i e u n s s n s w a n s p o e t c c o f a c o n r
A a n e o c o a n s m n a f o e i r i o t a n n h a r v r n t i a
p a n e o c o a n s m n a f o e i r i o t a n n h a r v r n t i a
p v n d d o t t b o v i t e e a T e h w s o d d e o s e i
6 a e e d e n e o e s a t a g h i l d . n h . e c r i e a a a l g
2 i s x p e v e v a r s s i l u a l y e F i O r a . t s d l l o
l e t u l e w s p i i u a r t u p f i l s n d e t e h i d i H y w
a e t i l r a e u o s c i b e w s u o l w i c a q s e c e i e f i
L b r t v i y p - s f t s t l a i l s o r i a i l e s u F r a x r n r r t
o i n i e v o r t o h h e a e n l e y a n i l h i n o o d r s . k m i
C e t a n s e n o h f s e r b : d b 5 d m t h i o o d r s . k m i
a , l g s e j e - t e w l 5 e 2 , e f w c b r r k a u e n , n
l o s o . e u h t e e a n w b a n r t i a o o e (c u a u e n , n
v h w e o n o c f s e t e e f n o h e n t e h t k n a s M e f c x o t
S e r u l n t i e i b r n o h c d p e e h e f r e F m e r o b h t w s h a
t v r y e l p n s r e t u h o r a y g r) r y 5 e s h m t
R n n e a c e m g s u 5 t w s a c H e o u s o , a 3 f a a m t
r e e r c o n s o e o s e i r 1 h e e s e e g l i u r e l l t a . i a a m u
o e o n t n d a j r t o . a u e s e e g l i u r e l l t a . i a a m u
d d a d e a f j n e h v a d G n s i a s r i n e c i o t l t a d y d a a
u n e o x r i a s c a e b u u e t r . k t o , i g , o o h d u d e
c t t d u t t g g t v r l c n a i e u r w o o h i o L l n
t e o i r e p u o w e t i d f s l a t y o h i e n n a i i v
i r d n r o r _ h i D i c e o f a H a t o n i l i a s v s r e e r
n d a t c n j e p e n t j o o q r r t e a t h u n i k s e e l . o
o e e t o o a e d r n t o a n r u o e i c i e c k e i n a f s n C n
n p a m c j o n l n a u e v o n o w f m s o i t u m
l b p p s t f e i b g T r e k u n p i l t u G a i c r g e r e
T w o a r u e o c t p e c h i e h f l u f a l h l c o b o f c n r r n
o h y s o t r c r t r c a e s f o o y u f i s b e t a o o p u e f e t
e e d e v o / d o c l o r t o s r t o s e i n u t y t d a n
m r o u r e m s o d h u e h r t s y o r w s l t i o o d u e l
a e u c i r m e t e u a s a e o i m t o n m o d i f b e o u i p (y
k r T t a c t s c n s a r s u n a r u y r i t a e a n t , C
e h i p a n a i w e i g l l y r i t a e a n t , C

H eteblt. w ekgNet ut i ewho
eowonaehl t eⁱ e u r n ek
C hru nvl. i ef bha h^x f r a e e i c w u
a p o r c i t n y e n t u t o r c e n o i o y
t k m W O h p o d h u n o s i u t m m u
e r u a m i o n e a t c h i e s w h o v t a a a
3 : c m n r c a o o h s r t i e e a l l n t d u
P a h a d m w k l p m i : c a n b a d h s
g v i n o e i h a r y e t n l l g % a l t e h t
e s a n d w n n e g e b t s t t b n i l i e s
A p i l e l s t d e a r i e n i r n o n p o t
P a . i . - . o 3 d n e n t e n e n e a k .
6 b A n w A w 2 y % t w s g l
3 l n e h n s 2 m d w g c h o t r t i t e o
e i y , - a / m e a o a s a s g
f e t c t s b n o p w R b / r p m o a s a v i
o g a a h h e i a n a e e i H o e 1 r l l c b n
r l s b i i e t g s b t / o k u r i n m r n
o o y - s n o e y t s u b e u r k c t g p n u
u b w c n g r r o i r a b c u h l d a u
r a a o o i t 6 5 u n t . h e C o b 5 e s
p l l y m n h 4 5 u n t . w l m p s 6 t l e
a y t m o s e i r g e l - / l m e w e r e
a y t a p t b s m t c \ b a w a i l e n t
g , o n 5 u t i w y n s p e y u i e
e t d e a 4 i c h n i l \$ d s p s u i e
s h d + r l l t t h e t l (n c l h u n o e
p a o t a e o v i o l c s o l i r b e i v n a
r t o t d e n u t p n e n e c t m l
o i s n i c r e l o r a p n e n e c t m l
j s o n h s f o y o l l y e w c g a o e a
e e i a g e i o i n o k - / a a n m i n d
c v s i r o r n g u f H a a n m i h t t
t e o m e n i s r s s E n n t s p k e c h a p
b r p a c . n t c o l D i l t e l e c a
u y e c a w O s a o m / h e B i o t s
t w h , i l n t l l m t n a i r a s e v o
w h c v l y a m m t s s t o y d s n o
e e u o i b a l l o a h p t s t k o c u i e r
r n r e a m n i : l i i u . h i
e p t t i t e d n / l n n e i T f
w r u g n M l b g / s g g l m a y o
a a o u s a b g r s g g l m t O l p r
n o l a l s o r o l i a h f i y n n t e H
t n + l o t c n e n l i w t R Y g p c e a e
n a , e n l i . h e o h e t r

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ysi Dnt. rr foehetotayti
osl e mAtfi e Anai r o thr
Cuwl p oet hut t kOtgi nnrhoo
hro g qnrtityd WE hs -eonn
a p r w l e e w t c u m m
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e: v i t i g r a l S t i d a n
3 r i n r o q s s e n o T i s o n p r
: o * h r o q s s e n o T i s o n p r
P k * c e u d m i y h e t i e e c t
a u * e e u d m i y h e t i e e c t
g u * n s h i s b p e i a r b s e e a T
e * t n a c t a r p t n g s e a n n g h
s * t n a c t a r p t n g s e a n n g h
A c * t n a c t a r p t n g s e a n n g h
p r * c a v k a s o e c o b r i i g s e s
P e * o e l g i j r h l o b r i i g s e s
d * m e l g i j r h l o b r i i g s e s
6 e * n y e c e f c j e c s b t n n t n c
4 n * u a , c o k t s e f a s i x c u
t * Y m b w n t r l i e e o b t o t i r
i * o c b e e o s m t n g v e l n i s e
s a * u k e c w a : s p e l n i s e
h l * u k e c w a : s p e l n i s e
e s * i r h o a e a n y e u d l 2 n t
I I : * a r h o a e a n y e u d l 2 n t
(* r i o e m v s c . c r s e f e o
v * e s c e e e i n s i v o d c l
E * t d k r w t a e t f n e r . l o o y
e m * i t d k r w t a e t f n e r . l o o y
n m * o i l t i t e f l a r o a s t r n
v a * g s i o n h e g r o p i a p s
) l * g D i c s o t i a n i f i D i S i r t
: * e e c s o t i a n i f i D i S i r t
> * d p r t e s d t o m e i g e i j l l
w * i l e " m d u . n r n v p n e e
h i * n o t f a t l r c r f g t p g c d
e l * y e o n i i e e a e p o i t i
r l * a m r y o s s t e r p p w a . n
o @ * n d e s t n t d a a o s u o l l T
k w * n d e s t n t d a a o s u o l l T
u s * d e s t n t d a a o s u o l l T
v n t h t a w i r a n r i t h o
l i l r t e e o l i t e u r i m p s s h a u
o n o e p s l i r e n t o i e s h t e r
g c g a t p s l i r e n t o i e s h t e r
i e g d y s e r y l e e x t n t s i l l o i v
n n e y p e g n i s t i e (s , r
t d t i l s m k r a s x t e r i . c p e t
o i l s m k r a s x t e r i . c p e t
c i c t i e o l t f i l e i G e c v u
E o n g a i n m e w h e d c b u v a i e a
n m o i s c b p e . u a u n) t f r l
t a l e e i c c u s l t t i > t f y e
e a l e e i c c u s l t t i > t f y e
r s p y c r n n u r d a l w c p c y n
p y c r n n u r d a l w c p c y n
a w o g i t i y p y v

r,ei ex rgtns ue egdwtnearal ce oi nette
Ctfowapnt i soho iamcs oitectityw pdcn h s
herkht t t e etonl eostntisutse hs i f si we w
a paoui ef s r lc wnfse n m hehn rakr i i t n e s a
t mm c etfo ePettns pbi igoi c, i ic t se e r b W n
r rht ex h h zt yn yehav l un m n, utk* nsh n c ut S, y
P nse ie. ot a t d i l i t i t ga wrys t gtt j ch f Ga
aeccs s ua, / h sl rxcssndh D . stt j s o o s t u l n l
g m o i f s i s o t a o t a i u i j n F o h h s p r i i n c d o
s bagm ch s o e l n o n o f n f t n a a c a e o e e y y o r c o g
A pet n p l l m o s i n m i e c s l n h n a r t m r p s n t n f g
P r c i l e m o b m l e e l d e l o g s n h b d u A e n e s t i f i i
6-hzi, a v k D e o o e w n e s y r o u o a o o c L a e c a o i n h
5w ef w n e j c n d c, t t w . p e r w t o m h o t x i o c n g a g
a i e d n j a a u u j p y t o e m r p s e, a k a w e t f n k l
i n n t e) a n u l s u y o o o p h i e t t e l w n o a c h v i y e
s t h s w t g s u e s t u l a l e e s e o d e s r o o e e l s
t t a i o t o e p s t t h r s r e c e l o, e s n t t w e t s
n h t t l p h, s t t h r s r e c e l o, e s n t t w e t s
e e t h l a t e g j o r o s e e t n c p l m t s e h o r g h a
c r h e r h o u w i o e n h f t a n c p l m t s e h o r g h a
e e f i d n n h n t m o l h u s i s t a r u a l h s w e t e u l e g
s c u s d i e i e s d e u e a s i e s n e s i s a = H i o e
s r t e r w n o a u a l c t i p d t v e n e t p m i c c f s
a e u i p e p c b d t a n o i t s e s e s u o n r u d r t a v
r a r s l c f p t r l e e k i u g s n h e n t h r c a o n i n e g i
y t e o t i p n, i n r a u t t s g a r t h a o e l f g k c d s
e a y t l n, i d t g p o v i s t v H r o u i e u
i l m e f t a n o g p o v i s t v H r o u i e u
n t t p e e r s s i g n e d T m e b e h e T e w l . t a a . i
h a y n c e g n a a h a n l p p o . T w d c T e p a h t s a . b
c e l t t o a z i s u t t e t v y s T p i a t o h y e i t l l
c e l t t o a z i s u t t e t v y s T p i a t o h y e i t l l
a s h s u l t e a p h n e a i s f / i H d c e # n a e a
s r o o t t l f n e e t t n t o d s o c e f i p p e a t
e e n e p u d e h a l u n y h a h d t r o s a p e d o l p t n f o
P h s t u i n e m y c e o e r i u o t m t r t p l a u h o l h s o l
w o e p o r i s d b o o v u e s k s h a s h d a l l g e v t r p s
e s l r f e e u n e r e t l e i e b i o o h h a f v r .
- i p o t u e s D r t r v e m e p o n a a l c w p b e t o e o m
o t s j o h i n i q o e y i q m e p o 5 a a l c w p b e t o e o m
r o e e r t l l j d o r p e o 7 d s e i e r a e i r r j a
a r H c e s e p a o n o t i r o i k s n e t . t d o s s p s o t e a
y e t r p n t a n o t u r e c n e a s r e L e t e r h 57

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cops0eaet r(n dfr^x kei set
hg ye ta-an^v) iime n n^h
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e e ev c .oaas e
r 3-oxni vnf) ptC Mh w
: npt⁵ n⁹ tea⁵ yoaa- l w
p a li gfhln^o > o³ ni finf
gT i m i n n h r l k
e v i m i n n p o y l e i u s e l i
sh ce pl seg y n, e 0 m w d e
A e ce pl seg y n, e 0 m w d e
pe i ye a f t r d s 2 b t ces
p s t b t n n p h i u e o s op,
6 f i l u h t e y t n- g r r r t v t n
6 i o y t o w n h v h u e T o p e e h d
n n c n g o- r n t e a s s p t
p a t h r n v s e i v t e h r u h
r l o s h a 3 u i d r o x m' c o e n
c s h i n s n t u s n t r s u a p
f h i n s n t u s n t r s u a p
i l t o s g 1 i t o o x t i r r t m
e u e 0 i m h n p t h t t p s s m
w p l i s t e e t y t a i p o e t i
e l i s t e e t y t a i p o e t i
b d s w i h t t a i p o e t i
: d s w i h t t a i p o e t i
g i o e t n p n y o e d g K o s c t t
u s 5 v x r t n e s j i r s e
n r 8 e n t o v h p u i e h e r t e
c u t m f c e o 3 r s s p o c l i o m
o t n o u y f h r n. r s s p o c l i o m
r o t y i e s 1 o e l r t e y c
n i s o l i i 3 o c o i t i y h
o t t u e l o f o i t i y h
d s m t u e l o f o i t i y h
j n h c r s e 1 2 i l t w n c n e
a p e r t a. 0 e h e u t n a c⁵⁸
n e e r t a. 0 e h e u t n a c⁵⁹
g H s e e t m s 2 l c c i s o o
o c s e e t m s 2 l c c i s o o
_ i e p i a x t o l l # e n r f a l u u
p r y t t h e o s d h r t n c
r f n t t h e o s d h r t n c
o y o t e e d c # n t a l e e o e d h
j k h c e e h n t l d e o e a
e o e d i e w a h t l w d r n
c u a i r c i c e e o ! w d r n
t w n a i r c i c e e o ! w d r n
t w n a i r c i c e e o ! w d r n
h - w t r t d s b a i r' c h e e
w l 3 e d o c h o b a i r' c h e e
s i f. e r j o t e w a n n v b t a l p s
g c. e r j o s (s n g i t e u i p a
i n 9 d, e c . e e m t o t o d
- h o. a i c r u v w f. t n e y d

> a edawH •Mkap
Hn- p mie disutpw
Cge u laatr abt e, i
h ai ro o zho ear i l
ptono o zho ear i l
t klrys e k ap h l
e ui i s th e
ra ng e dau np b
3d n e wr . cole ne
P dde n . cole ne
a e i vap of y
g. pb nt et l u or
e la a hr ar t iou d
s A oci hr ar o ci
A ykn ht p nse
p mu r or v w sf
(ep Hy of o h i sf
6. n eowoc set ee
7vt o r u r e t i s o r
e " f h m s f i t e f e
n oe k s u - w s e c a n
s v u k s u - w s e c a n
h) Fr ueca i (w p
e i cl . l h s l e g o
l > noa f - b c o m
ad s l sae v o m h
(gle l s a e v o m h
i l t f i i - a r e a e e
v t y c n m s s a n s l
e , h s n m s s a n s l
n , s n m s s a n s l
v c p a y p e f t m a s
(o u n t o t l r o s v i s - ()
n s g e u e v l i n t r h v
m h e p , i o a t h a e
> i s p , e r c w l a t n m
t t . v e s e a p d)
g o i e p t : e a p d)
i - s s a h c l o t
t n G e e s e p . a p w
i l e s e p . a p w
s t t t v t r t e 2
t N H (o e , p e a) 0
a e u (o e , p e a) 0
t w v r r i t e p k u 7 o
u e a y o d a s e 6 k
s u n c c o c e n e . u
p o v t o u e r w e v i f o c
d > u n , s a p w
(a w u n , s a p w
. t e a f l s a p w
v e i l i l p o k r a
e s h t l i o n H n e
n a p g b i o n H n e
v f v u y u e s k H e c r m
) o e s r e H e c r m
r h d e k u o e

m dei edo w^L ot dkh e uncn
oc g er i^L i^L ki eue^oVT foe
C^h of ou^f u^a n^C (utr yue^s piⁿ w^f
a^e n^e r^t a^s t^g s^v s^a r^l p^r m^r
tⁿ t^l a^u e^t e^t e^t pⁿ , e^c s^m a^t
eⁿ a^c y^t t^l w^r c^t v^f n^e b^a na^a
3^e n^h iⁱ t^h c^o l^l) fⁿ p^e b^a l^o d^b
: pad iⁱ t^h c^o l^l) fⁿ p^e b^a l^o d^b
anⁿ ocⁱ h^m = ha^l d^s e^h r^h w^h
g^c en^D can^g enⁱ iⁱ = eaeⁱ
es^w o^s f^j h^p a^t T^v ac¹ b^p r^t
s^t e^d i^a tⁿ p^c b^h e^d , f^l p^k h^h
p^h e^w n^c e^d Nu^o e^e . de^o u^u
6^t a^f o^e g^a r[:] w^m i^x wⁱ t^t
8^a v^r n^s o^u s^h m^l A^t a^h l^V o^h
s^e o^e c^s s^w h^e a^u a^s i^m o^e l^p e^e
l^m l^w e^s e^r nⁱ s^o p^c w['] i^e
s^h o^t sⁱ i^s oⁱ c^k l^o d^t t^w lⁱ r^v n^U
en^h e^k l^l au^e e^a eⁿ ee^R
l^g e^e t^e lⁱ f[.] (n^s s^b l^g y^L
> r^o t^s o^e p^a m^e c^t s^H a^d a^o
a^o f^t r^s n^u iⁿ o^e e^s cⁿ d^r f^f
g^s p^k o^y uⁿ) h^s f^t o^e w^w
i^w u^d s^e o[>] t^u e^c m^e y^y
r^e l^d t^s w^o l^f h^s i^s k^a m^b o^o
e^m iⁿ e^a . h^u eⁿ i^s u^a h^l r^r
o^l t^o lⁿ w^r o^c n^g p^e i^b a^a
ec^y w^l l^o e^u k^o t^c g^t r^s u^p dⁿ r^p
l['] o^H p['] s^u d^H o^o e^s : l^e o^p
- t^u aⁿ e^t l^t e^e dⁱ w^r eⁿ a^w i^s
h^e o^u aⁿ e^r i^k u^o mⁱ s^s i^s s[']
e^t l^o m^u n^p oⁱ i^e t^f e^e
— b^h kⁱ oⁿ i^f k^t t^a i^c t^s i^s y^r
h^o h^a a^u z^v g^t u^o i^e h^t l^t o^w
T^e tⁱ e^u s^e e[:] o[.] a^e s^e o⁽ e^u iⁱ
h^r h^s r^c e^t s^A l^t v^p l^l
i^o o^t r^r h^e H^H t^e l^o r^b l^e u^l
s^k p^p iⁱ e^p d^e l^o r^b l^e u^l
n^u o^u p^h i^r . r^y u^a u^o e^v i^s o^o
e^s i^t eⁱ f^A kⁿ k^t f^e f[>] e^e
w^h n^c g[.] s^s o^L : u^o hⁱ s^r h^o tⁿ
n^t oⁿ g^e l^E . e^c f^e t^e e^h
r^a , n^o yⁱ l⁻ s^h G^u r^o r^c e^a
e^a n^w f^r fⁿ o^o e^r iⁿ o^t l^l k^o

Hr n, vaG i s hoopecaef Mh
a m utedonm t erl schu et eg
Ct e eh yngee lrl tenfr o so
h h p a x ot g x s m y i r s c c o e s
p t t g e i r u h f r y w p t e . k e k h r n o a r
e p o t u g e o a o e l s d D e q s l c u g e
3 : n h r t u o , e u o i a t e r e a
p / H f n l u r u r a b p H s h l
a f e r r i y o t l s e n y l e r y t n i f B l
g e a r r i y o t l s e n y l e r y t n i f B l
s t o n o c h a s e d d o r e o e s n o y
A h k u n g u a e t e d t y o d u t w r a
p o u n g u a e t e d t y o d u t w r a
p m l i c U u h n k o c t s r s
l Y l i c U u h n k o c t s r s
6 e o y a s v n o t R s e u a c p h t d h
9 s o t h i e n n e L e n . r a g r a e d i
s u o r x s d m d d T e n u o p a w n
h r t u t t d m d d T e n u o p a w n
s a d h l u p e h i j t n t e e
h m h l u p e h i j t n t e e
e l o H i d a c n j a o e l s h e c r x b s .
l e H i d a c n j a o e l s h e c r x b s .
t e s l h j a o e l s h e c r x b s .
(- n t e a a t r r o g e f t t a i 60
. 2 o f y n p b n e e o y h o e y . i c s t
v 6 o f y n p b n e e o y h o e y . i c s t
e o t k r p v t u g s k m a s r o s h e e
n 7 k r p v t u g s k m a s r o s h e e
v 6 u e i e i o , f u e r d a u T a ,
) . h e r r l c u . n d m h 6 p b a
> h a d o . d p l l l t n e o e i e c d
e a d o . d p l l l t n e o e i e c d
h r v e n i r a l f p e e a f r k
h o p t a m n o s y y r v w f a c y e s
e k p i c e n o s y y r v w f a c y e s
r u . e t n j s , o o e s o h o w d e
o a . e t n j s , o o e s o h o w d e
k p t l r i t o e - a u c n r d l e e
u p o t v n c b d e i e t s , p
o c o a n t a d f s w s m j n i r w
p o l t a n t a d f s w s m j n i r w
e m w n l d i s e e s i o l m e l o h
n / o i d u e d e , t t s o r e m e
g i t s h d l d h n t y c d o e r
l t o b i e h b o o e n y e v c e
M o c s o p i v a v n a p e o a e t
i o c s o p i v a v n a p e o a e t
n u o n s i s e , s r n u c , D
e t n l n s i s e , s r n u c , D
t e r o e i r t t t o t o r o a j
i t w a e y t w c w w o e j l d e n a
s o i n a e y t w c w w o e j l d e n a

enrrresepppMaPi ce usd dfesnrlnwtd
ss ef tpoplatyl co fr oer e dail
p acsl weerwtlon⁶etttdowatwene
aodCh oer ieharf¹!ohhinethtow
f9sj eawR)da,ouri e eec 'tro yor
oeta ne f,aDanteg c: o urrad yhon foye
r anwg tuttBs ocu tTrse tj ei ue out
nBnghewhl ha, cmr ih ifdea a hWr cal
hodoi si eDebQdoasa o i noa dn p e cted
lea 'c l jraredt ns grt grot de
r rsh tlaaesavei Li easo ei hn cap
ifde oppn ece co a⁶ be anee led
l app upgi l l i a n o a² farid t e me
r rador os osb eon o de asvtYi sd ssa
csp wouho a p l r r utec res at bss
4 t p sevr nOoc ae yee rrv a so letno aai
atlhrido Ruknr adueu so l etno aai
pi i of dauHMe ds bcuj l l si p t f thd te
tncruetre l n , oehi ayoe n to. uead in
e ept l sac r (td Scd rn p pi bd l w²
r t m . o o s Qaet d eg n i lob so t Dap
e i euaAdkbi : Lnl ra do et enel eoch an
e o si neu j npi s at - n r s vkoe geal
s nsl vd . e otw nair i s ttu r m i n o
s b a t t c s s e r y s b s o m d ohn i a e a o n e s
i u w g s a o t u t i l a j p j a n d c d w
l i h e i u f h - p g T t a s t e f D c d w
g e s n a t G R p r h e t e o c r a u t i l i a s v h p
u d r . l e j n e o e i l e . t e n l s n a n w t u a
e s e w a r t k l r s s t e d t u s s o e t o q o n e n
e a e d a a h s a t Q h h p e i b t q s o u g v i r
B u , m y d u t f L n e i e d t v d a h u e u b : o p
o s l i d b t i o , e n a t e e s a i p p c e m e t
a e l n t i o o r M a s d t o t i f e n r a r k g . e a e
a s r e o n a n n y n a o n e f a d e r o l i m h
r i s x i g n t a u s s m l s e u t a j y n a k s .
d t p n m d h l Q e t y t . a l a h a t n c r a c f
u c l t a t e m L t t h h p t n e e c t u n e a
b a o e k e d a i , h w e y

eot -a0ca f ssTa
 \ae .~bc.tl oi = i thb
 Cdr. (/ot0 efl oaea
 hedp((dai .rte nt ns
 a s .s.ve r v (th. l dsi e
 tk 1v es da (De j "ce
 et en k t (vj lc a, fxb
 r o> nv t e. eaNo n i ea
 4 p v) t vnnSd g l cs
 : p)>0% evgTe d o eue
 M p() p n) oA #. std
 e cy. / (v% L a cd" e
 s ot v> p/ (v% L a cd" e
 adhe y cy.) tEd noj , o
 geon toy. v pod gna tn
 e v dhdt v pod j ot n h
 B n v dhdt v pod j ot n h
 o)j oe h e y a .rg ep
 a an on t ht ph ci o j
 r > n nv doh pg ob. p ma
 d m> gm 3) j nes o n. co in
 A oa% a3 s t cos gg
 pm p- n .% h ns p r ont ro
 pk v p- a mm gne r i nt sa,
 de y agm gne r i nt sa,
 7i nt dek poa w c o btr. t
 1r v hm d y- a i j .ei a es
 oi pi e tagao e a nbpcd
 nnyr nhde pnc dt. p of
 sm vom p t m ms m
 s ev-ssm ni p / i ye. m
 h e-ssm ni p / i ye. m
 es nt te 3ny, o s npsa u
 l s n a. . of e "eso n l
 l av ar s v ss ot , sas dt
 #g prt se-ss ot , sas dt
 e itaan nt asr i "gt s
 - ppgv ar, d , este
 Wb> rpe prt bj n , sCot
 io o - itaya g "o t
 na i j pb ppp ns d , nci
 dr v s csa o ao p ad ie g
 o de t ttr i j p d y nj ga s
 w na s d s neodp r ga "t.
 s vl os cs i r ga "t.
 \l d # ut ttn o ond, e
 >S j ra sge l .gj
 c a %l cN coa a
 > c r dnm ei d it S o. n n
 di j ga j nt / T n cg #
 c p a occ a nt s a t oo i
 d t n Od d net e l r n. n n
 m3 gp s v j g xot l i t ce i
 e or m a ot t E browt
 os A ~o ev g pehn D i n i
 ns c j %s / or eg a bt a
 e at 4e s b ~om. p t si] d
 dg i . c ai ~om. p t si] d
 re v 0 t c g n 4 ut pp h eb a
 i - a. de n 4 esoy s "s. t
 vb 0 de / . tp ,

yh >et hyj rcl aesnta
r aee ewlt c er
Cm l om D
hite st qcosn ora
a ghveo datr e n rntj
p r er- d n ea oa
ea dr at ad e s c g n
rt e r tanshd) t t h g
4e l s t u abd, e eh y p to
: M see n ba t tai, t
e cn c s
s l o t e a s l o c o c s r p w
af h e a s l o c o c s p u: e
g m n r sei u h i n/ e
ey m n fve sm r s n s/ l
Bo ag i e m taruth r e1c
o au n ci e m taruth r u v2o
r d o a r r voeken i op e7m
Al, ul s' i dden m r. e
p, ul s' i dden m r. e
poy r l t t e t m e t u o
oosyt o h l i s s i l r o p
7 ku Q i w snut g y l l o a
2 ' L a m t r a r y y o n:
i l i e v h c l e t a o c 1 g
i l i e v h c l e t a o c 1 g
S n l t e h c l e t a o c 1 g
h s s e d e o N e T l Y8.
e s s e d e o N e T l Y8.
l i e b y m n t u e u o
l d e d o i c t A (p o v w/
(e a q u a L a d h e t
v t t l i r r i L y n a f r e t
e o h a t r a r n E d o t i. b o
n u e b t e e d a u e n s b s
v u e b t e e d a u e n s b s
) r a 3 n n d t r h e
> d d s t A a e r e
i b e w p a p l a v i o e
p r. f e s i p b r s e w
y s i i t n s a o r (s t
t e s i i t n s a o r (s t
h q s l t a . s j y v e h
o c l h l e e o t e r e
n t e e h t t l e e m h n
o e l s e h n c a i v'
m 3 l y e r t k l g > a a
a y (i r n e r t k l g > a a
n y s m o o e y e v m
a f v i c f p t f o m i w p
g w i e g p t f o m i w p
e i l n c r t a r h l , g o r h a i
p t e) r a n o e e r r k o a i

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eo l h l e m u s d p N t t s r A n n 1.
c d y e s r u o r t o o c . w u a a e e
h o e d p s d o p t t a W p c t v e
a f l n e y e d r o s (e l e l p t e e d
t t s e f D l a e s / m l ' l o e i d r
e e a j " t t m d e v h r r v w t
4 n b d f a u t t o e t e v h r r a r P o
: m u t r n i a t , d i h d e o t s t e
e n t o c o g l t b h e s a l i , t e
s n t o c o g l t b h e s a l i , t e
s a i n o m d h a e w . t P a d n d i c u
a a i n d e s h . o w p l , g a n r p
g n h e d e t i p d e s T t e e d
e y . j i n e t i p d e s T t e e d
B o w a e c . e c y e , t o e c e d t t
o c u O n w h x h) v w x m e
a p i p w a w : h t q
r o r e c o o f e s f m c
d n f n h . r d r e u w f i p i m i d o D
A p i d t a a e o c e e o n e r j
p l n t D b s t c w m h c l n t l a m a
p e b h j a t a c n i d e s c o n
x l n b e n c a j w a h (t g t d g
7 , e p g n a r t o n a i y N f
4 i o o p a r t o n a i y N f
n n i r m s t t d d t d s w t n
D t e s t o t o e o t h j s ' e a
j e s n o d i n . e e a e a
a r s o v m m d x a t n o t n a
n c a d i o o c t a t h f m i
g o g e d d r s d e c a a e t
o n e s l , e e o i n e o i t . x w
n : s l o a f m e t n l o g o
p e b y s t o o a p t s u o s
r c o c # m o a r d b y r , r i t s
o t a f o o e a l t e d p o a n n i t
j e r i e r e h a m s a s v n e g n e
e d d e l i e e w t e i s d w g p
c t s c m s d e a o d f
t d a a # e , h d o s : e x b f e m m p
, a p d a d a s f l t a c s o r o r
t t p p y a d a s f l t a c s o r o r
h a l s u o a l e o e e n a o l r l e
e b w t r i a l e d l l t n a o l r l e
r a o s m l e c d d n s n i d w s
e s k / d h i t b a (m e y s , e s
e m e n o o s o t n c , s
o a o l l " a # d e t 6 h w :
a n t d s " a # d e t 6 h w :
r m t e h p o r e x i 3 a r e l

th a pp(r 0o if llr lti cpu On eegdoj
thmno. m0
C thmno. m0
h ecd a sv: o1 yooD ee n ho ad h r d n n t n d m i a
a mis n m t i o n r j p o i o n s e a a i h e e e i t i - n
p q o a a v s n n u a r a t d n s s b n c n e i r w d o n t g
t a n g k / s n ' a n o p h e g e p u g t g o n a s e t h o
e h p e e m ' i c ' a n o p h e g e p u g t g o n a s e t h o
4 e y e e m A t l s / g j p a l f o g e i m f t c p a h t a e
: c q t m > p i a / o e , n n o i s s c t a D e t a e o p p
M t t p i g p s a u i / o e , n n o i s s c t a D e t a e o p p
e m h y g r l e i d m c c i h l s i e h k i r w i u b r
s m o r a p y s : m a p t b o h g a e i n a , e e a f i e a r c o o
a a n t y s : e p a p t b o h g a e i n a , e e a f i e a r c o o
g n m a t t i : l v r u n a r n b s m a t r s s h h x j
e a c m i o l n a y a o s t e n a g s l t a n g c h c t a e
B l o a r o n l s O r i j u g t e h e n d a r , d S a r c e o t
o m m a n s K i j u g t e h e n d a r , d S a r c e o t
r a n a / m n r l e c n a e i s o e e o n a s t a t i o v o .
d e x e o a i u a u a c h o p s o ! u a e p e t k h t (j e d o l 64
A y n e . p o n g n N i b t s p n l s f d i j a c o s e l f
p u t p o l g a i e . a t ! i s T d u e o n l t o u i v o
p e s y s s e t n t n e s s n h t t d f s l p n r n e r
t h h t i . i g e s s n h t t d f s l p n r n e r
7 s i e s n p o a y T D T f i b h u h e r t t n O d m
5 e m i y n m f t c h o j h m i s e i r e a c r o c e a t v a
i n a l M s i t h f h a u a e u s e T n o f v a n l h e i n
s t e i i m g h o i a t r n r l e i a h h e i m e i e r n a
2 f u m g a i r e a n l s g e t s s n o e a a d e m t t g
S c i (r l g a a r n s g e t s s n o e a a d e m t t g
e i n a r d t t e g i o f i w a r b t e a t a i o
e n g v t p a m m e s w o p o n s k e i p n u s a n s d m n
n i n a e i y t i o m a e s w o p o n s k e i p n u s a n s d m n
d o t n o e n n y a w s i p r l u o n e f t r a b a c n a g
d o t v n s o k a i f t r e e l t a s v w s v u e u n t a
w u h) s : o k a i f t r e e l t a s v w s v u e u n t a
e n o C o a u e g t i h o d l e r o h i t n h l
e n r p t n h j , a i l i n e s s b e d w e n
b i g s s e e h d . r e o e i p i d t ' n l u e n i t a
u i a p o a r A o g p b o n c f p n e a r a j a c t w t b a s
d i r o p t a p r y e i l t s c a n e o a l e l a s r h u s p
t l o u s y e t p n a u i l t s c a n e o a l e l a s r h u s p
e n p t i c p n a u i l t s c a n e o a l e l a s r h u s p
a n l s h p o o l t g n y s y l l d a l s w x w y i o i t e
t u a o o n n t i a c h o t u . s l a e a s s t u i c
a l g n s d e n o k r o a a h u d c i a y c y e t e t t c
d h d t e n g h e e u a e m e b s u u e n s
M e s t t s s a e m e b s u u e n s
a c m l o t p a m a t v m i n r a b t t 6 m e i o
a o p a : y o v i t s s v m i n r a b t t 6 m e i o
k c y n i p p p s e g e t n i e a r a g c c e i i o a n e u
e o t a o e e t l r d h a n d e / r i t k s n n s d d a
a s m g s r s s f a l g n e s / a s o t c g i d T i a
e r n e t f , t e o u t e l n h n D
w i n o o t t e o u t e l n h n D

oh Waj Asp
fno h abt dsa
Cimms ecnrhiwg
h a e PnoGoenoe
psnma nw r
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a(eteTLopeosi h⁶⁵
b)ao heol dkp^e
Cend hitkawe p₆
h a eada^s, yali^{e06}
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t euhi sep eat^{F s}
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M e sta^o teutorⁱ eⁱ
s b yy eg^{se} t^b tw^s
a et. wⁱ en^h u^h
g eto qⁱ n^d piⁿ d^y
t ur l^s a^e t^y
Be a^v es w^t at^v h^f
o ar l i d hⁱ eⁱ
r l i d hⁱ eⁱ
d l i oⁱ h^t eⁱ
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At f a l h^e y^{og}
p f a l h^e y^{og}
p y b d b f p eⁿ
s o a t u i c t m i t^e
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t i i r e o o n o^e
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A t o h l r a a c c e e^e
d o v o a i i⁶ g t o o d o^e
m i e n p a n e a n m w⁵
n a e d r t b n e⁶
p d t p n o⁶
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claj =a, m m kg t x m ax
ve n h o l t i o, et ev t
ew s "dod l i o s v, e c.
s s h n e r t l p / a t, e 67
a . H o i p e t e l s r h r h s
g o m a e d o l o a l s
e e m e g n d i t j e a c
ne t e d t i o e b w t
B e p h v t h n c i h l e h
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r L n d s e g n e d o r e
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s o n p i e t p a i, e e w
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: M t t c r w y de y o
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Paha nu lra r d u
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e ph o d t i e l e o h n i
a g'oe u o s n n gre t vl
eb sy A c p o o i y e
u t n t l u y n i a v o
w t i s w d h a w o i n) m
i t l i s e y o d u a s t c m
h e l s t s r i r a t e o i
p, n l e h k r t u n t
o' d o o s e e s d g
s t i e m c x i e i
s t t n h c x i e i t

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e a n t c i m j t e e p n a c r h a l
C n m
h v i r ⁶ b r s e a v t a e a f c i r v t s o u e o t l
a y t e ⁸ a e t s n i n a n a p s o e a u n d d o
p t " .
t e > N s a t t w t t g u e j r i t s p
r 4 o e l s m h e o s r s e t i a c j k
: g n w e n a i a e e t c i s i u o n a
M e l T w o k s c p o l t t i t n r r u n l
s t e s e o n e a h p u l e l s g a s r s g i
a e t a o n e a h p u l e l s g a s r s g i
g a s h t m r r 8 t s l n d e t o k
e d d t n h p o) t c t a r d o a c e
B s e e u l s a t a c o h r e n t s k
o s e r s e c e n r c n a l l a t r t
r A s e r s e c e n r c n a l s y y a o h
d l o t e a h s d e a n i h a r w
A n u w a p d t o a s o s a o n i t s s
p (n t o c a n w i k e n r u b u n :
p . g o r t r t u e d s e , e c l e w t
v t e n p t u a a c a f s r l h e d t i o
8 h s u a s a t h w t m a h y f h t
4 v e r s u a s a t h w t m a h y f h t
) t o s b / e a i a u t t o t w i e h t
a e a w n i . c h w e a e n e
s p j e a d s l . c m h w e a e n e
h > t e a t a l h e e n s y l d t s
e i ⁶ e t e f u T p r v t d a h t
l g e c ⁹ d a s t e s h y t e s t o h t e
l i v t , d a s t e s h y t e s t o h t e
(t i w o t h r e a t e r e o n e a t
p h e n a e s s h s t o t c b p h
v c o w h , s s h s t o t c b p h
e o u o i s n d a t t o t a u s i x k a n e ⁶⁸
n m g t e a n h e n n t p e p t e a ! ⁶⁹
v m s r c c e a n h e n n t p e p t e a ! ⁷⁰
) i k h a t t d e a r d o r e o t
t s n b a e s s a p e u h s
> c s n b a e s s a p e u h s
_ h w e u s t t e s t o r s a e t
g n a w i c e t a t o o a h a r e o t l t e
i p i l h s r o d a n e s u l e
t " t l e i e a d n i o t t s p l i s
i n e w i c t n g e t n e d e t e t * o
n i r e e k s f a p d u l s i a u i d
i t a t t i i ⁷ e s e t a d p m s s e
t i a t t i i ⁰ e s e t a d p m s s e
a w a r e l n t t i s . n . t o t o
l e s u g u a l s o n t o g e e d w
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t l e t e

dPctstse fe an-0letpuld
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hnt)tatn soannf-sawtute
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rtt oet snpe- dahi s
4es detstt yso- !veoit
M(c taitt u, q t- W nsw
eTl psfobf t- h ns h
s es der se, eds- s ta se
s. s. cates, eds- s ta se
a. s. cates, eds- s ta se
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8e o wa bit n, e. dp eo, t
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e .h A e ths ye- e, o v h
#m cte i ces, ltf- o i o
od rt b a ew ha- f n w n
d eh u n r n p u- o l h n
p ae i i let n- r y i m
o l t l i ta q w t- . lo a
s s et t n a q w t- . lo a
t t e t n a q w t- . lo a
s d o- e s a i a- - n fe u n
/ i e t o i n l e n- R e u r s g
t m e t a e a- a n w e
p x c n a x g s n t cee
e o t w c h o p e y s t s o p
s r s e a m e e c- s- i c t w y
t t e se, c c o p t- l s c s n
s p t t i s t w h t m e d n a t
o u m h e e l e m m t e s u a e
p s p i p p o f f c a - e f a n s s
y t T s o o d e. k g n c- s a s u l t
e r s n r p o d h t u t s e a c
s i t s l r o t t c- l r a s s m
f c t l e y e s h a p k- n n s t m
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euf its set if lo snep
r 4r so na m eb ed(r
: Ur me po j ! sep
Mco of t om e ches
e Lhu le s r ne e
s Sar om t e def
a, pmt na m s test
gvte chps on. rsm
e les Co ed sts
ers are s l me
B wa det s or def
asv ter la t c self
r, ee m o i oas
da m l v os e oas
n l v we m ient
A d e s Pe self
p lo is s Or self
p la us: r e (rest
t l r ed f t se
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M de umi d ti self
oe : , p j es clie
vs : s wto a s def
i h . eo n ti test
n e . llo g d s _te
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t coea co snt
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o . e lo a e be
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a p -s c e t c e g n t p self
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M h l -r d d t n n e) =ertE
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g o n -a i w r e t e d s xt,
e u a -a i w r e h , s m t "Thi
g s -s e e t v p r c s is
B s y -u n i h e o r o a
o h s -5 n e h e t r o a test
a p t -i l a o i c e t m !"
r y e -d i a o i c e t m !"
d u t e t y t m a s e
l m e t t n a s s
A d t -s e v n e t n a s s
p e c -t u s e e a n m test
p s h -s i t r a n c o s o t _url
s t e -s i t r a n c o s o t _exi
e c -t s b e e m c e o s t s_
g e k -i ' o o d o p a d at_c
7 -n .v e t w i a s s e
t G -o e t w i a s s a
H d o r .o r e t n e t c t_l
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h s e . n e t p a n s u n et(
"This p r e e m t p i /"
p e s t i d r e s c e e s t s self
a i -e t t e s o s ass
s d s -s v h s e a / .c t i ertE
s a s -t i e l d u s qual
l . a e o y s a n t t u D (res
f b s . o u r i d e e r a pon
y s a y s a a t s s l s a se
o n s -i r n u c t t s s a tatu
u e (n e r s o s s (t s_co
l e o -g c e n . i p e de,
l -h a e n . i p e de,
r f s -a s r a s i p n s 200
u o i -t a s l a y p s t)
n r l -e l u t i t o t !)
v e s f m n o r t : "
e n t e r m s f t e)
o n a c -r e e o f s
u l e -w n i n r s
r) i d e o t u e n r t def
t i d a n t s x n e s test

t l--fosci ta pl
i t--o ces. dre
m--o ces. dre
Chapter 10: Message Board App
En--o ers v
a--aviaaoh d j m
tg-R en su i o e
o s a i r d r i t t s
responset e s s
p s s t r e s u g
c t 3 e t s t b e
s e a h t s t b e
t n m i a h t v s h
e t s e t d y i e y a b
r e e e c t r n n p o
s e k s f h e o u r
n t f u a l i e a e r
e s p o r t s o s r d
s t a t u s c t o s
o d e i t o u i o n s
n n d n a i o e
z o n n s n a g s l
a e n e g n i g s l
t e m p l a d t i o e
t a o c t a c
t e l u s e d i c
h t t p s e o u s u g t
e s p o n s e o u s u g t
t h o m e n a o t
v n o r d n a h
t h g a u c e d l h
s e s l e a d r a e
a c o n t a i r m e h
n s (r e s p o s e a e
e o n o t a e a p
n s e k m s
t o s i a a y d r
t e s t i a e a i
s i t i a d l a v
s o i e a f s a n a
a s e y o c o o t
R t s y l o v v e
u a e t h m e
s e v a t e m c
n b s r v a m e r r
e a o b m e e a
t l s y o v e d a d
h e o i w o t G a d
e n a o t v h > i t i
f s g n h d e t e o
t v o i t s e o g o H
e e r l t o i t w i a b
s n e e u b h e n t s b u
t v a n s r l e t a t n t
s l c t t e h a n c o e t
i e e e d g o r a v o
o a d s w s o n e c n
n s a t h r i s m o r
e p i a u l r p g t u n p
y d b i e n d o r t o
l h e a t e a c c f
a f s e a s t o m r c
s o f e l s e d o a
t u t a e e n h

In a e m h e m sh t t v a n e
l g n b g e a i o t p e o w i n D
C h d d e e s p r e c t i t s e o n y -
a p r l w a t i / s e p 0 t g W O
t w e m i g e v t a 0 g W O
e e m r e l e f a s c l o H S
r n p a i v e 3 p y r L a o d e T
4 : o s n h m i e e l n c e r c S
M e t s t a a o r s i o e o n c a p o a
s o i d f y e r u e a t e u l l k n c
a t , t o d r p a r e D n h o u o
g e v t e u a . d s p e > o p y n
h h w r d g e v h t s e s d f
B o e h d i p e t r o t 7 d i
a r i r G o n o s h s t g
d e f t c e i r (y i n s t e 0 e u
A r w h t i . u m t a l e i u n l a
p i o l l h v a e c a t f r u o l a
p t m s a u j e t n n n i e t w j . w t
h c h b v i t o n n a o m a d H t i
8 s t o i h) e . e s n . e h o
g s t o i h) e . e t n b o r l r n
a h n u h o x t * b o r l r n
y e h s t > e a t e s a e o o e e
O s a d e p c a n e 0 k n e
n c n w r g y k t i t 0 u d
“ o d s n y o i u i m t e a u i h
t o s o a d e m a r n p w o
h m o m p e n t p r o s r i s
e a k e u s s e x p n e e e t t
p h e i h n o p v r s o v h s
n d e n u h o n p r s o v h s
e s r i t s b u n s u n g o o n a
x l e k e c u d a a p v i u e l o t
t i e l o l i q a t o a s c a u o
a n m m o l n g t r i r s e
p e n y / r e s A u s c s f e l r
a . t i (s g r o m p l e h i k y k u
g “ o k u v i e t o e y p o d n , u r
e e s v n a f h t n t r . o o a
x e n d r e o v h ' t c w t p A
i G y e n c m o T s i o a h p L
s o a r e m y w r n v a c t a h p L
c p u n) n a s i n c o u h a L
r i y r e a t h a d i a n e h c o
o n s a m h e m . s a o w

s tc Ane d si v
e. et g t co d g gl) H
C t l d d i k q f i o e
h t i u m a t o n g r
at o i r n e n g r g o
t c t y i t i d r e k
en a o c h e t a m u
r 4 l r n e s r c h p h
: s h e t u o d e i e w
M e r n b r n n i
e o c x f w n b r n n i
s p s n t m o t l
s y r t i h i i o l
a y t e t f l a t s A k k r
g " e f l a t s A k k r
e " a o t e t e n y u a
' t j h v r i d u d
B A e t a a e t n i e l o
a l " H n l r x e . p r o m
r l 1 a s s t w v i o l
d a o n e o g y
O o a e o g y
A W 7 d c (n y n g
p E n m o h v n g
p e a p i n a v n e e
D e f n p a v n e e
n r f n p n e c n
w i n y g n d e
g o g n o g n t l r
O p e a t f h s " e a
S l r e h p) e t
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c s l c y t t o t . o r a
o f . e h v u h
d i f w o g e a n
e = l i s p a i i o n c a
F i s s n t i o n c a
e l g e a m t p
l o g e a m t p
u e i t n m o p
r i s d s i n n
n o 2 t t > t c a
d h p t i t a r m
j e h t r o r r h t . m e
a r h p e u e u a s .
n o i c o c n e s t k e
g n f g t ' e
o u i r p " e
a b e e N p s i o
- y f r i s (e u u m
p o i t h v s r m
r u l h v h e a
o r e t i l h e u n
j c w h d n p y d
e o d w a o y o a
c n t i e a m d u u a
t " e b t h e n a ,
/ , x e u p A p e r e n

a: uth T wetnfi ees aai yaebgwiteu s
t/.re^Sib i r i d n i n s a t a e r a s i S s t a
Ce/c^a = i n f r a c t i o n s
h s o u n d s i f w o r c o d e u e l e n o e n b
a l n f p t a e r h i n a d . t f ' d u s c n l r e s e
t e / t i . l l g o i s n a a d . t f ' d u s c n l r e s e
e C e s H i t i n g h e a p e t h e v y s Q o ' s i d t
r r p l e s i n t o h n n p w h t a w e i l t v a r t
4 e y e h g e u d e e h t d i n o e w n c a e
m a e t e p t u t n a d a t g f r , e d a o r
e t b o o i p t u t n a d a t g f r , e d a o r
s i r y k l p u h w o C u t i a d ' o s e n w d
s i r y k l p u h w o C u t i a d ' o s e n w d
a n o u u s e i b o w u t i a d ' o s e n w d
g g o b s o o n a e n e p d f y d o s a r t d u c s
e k r n h d n e p i a d s s e w i i r t
B a d e i e n c l e c i l l r a s y , d a p d i l l e n y
o b 6 0 0 x v t e o a t i l l r a s y , d a p d i l l e n y
a p 4 k e t , r o a c c e n t p t o H r e k n e d a d
r 7 - t n h i o p n y e e l h y w e d o a t i
d . 1 6 s v e s s k e n i l e d a e t i r i d w r a e a n
A . 9 4 d e u a n i l e d a e t i r i d w r a e a n
p . 7 n c a j n c v n d i y c l o n u q h n , d g
p d h l o t > c u m d h a g , h t g n s l k d y t a B m
e g o r i o a t t o s o t o e b u i t m p h e v
n r r i o t s i h a e d u w h o q e c i e t o d i
g o g e h d u t n l a d u w h o q e c i e t o d i
1 k i e e e u t n l a d u w h o q e c i e t o d i
' u t n r a s i e w d i e d k h a n s e w j a
a s o l i n t a e d i e d k h a n s e w j a
s a p t w t l t (U h c , e t t k a t n t o t a
h t p a n u o y t . R e t f l o d n y e a i s L t a c c
e d . d i i v l w i v i i o e d l o d d i l o p c s
l c r i l c h n b v e r b e t n w y e n a t 6 p a e s
l m e n e g y o c a r b e t n w y e n a t 6 p a e s
e o f r n) o r u t s e n t s r t e t e e d n s
(e w d o n t f o r e t r e e e s t a v e i d s s
. P l . i e k i n > w r o a n H h o b e l p c o
v y c l p s u e t s e o w d t a t T e a s a n o d e e t
e h o e g h e m a e s h t d s c y i l q n
n b t s o a e n t b l m e e T L e i a h o e
v t s o a e n t b l m e e T L e i a h o e
) o t . y n o l o g t u y a i o k v h w f l e w t i
s i w i d n k n w h i b n b u e t e l l i e r s
> : n e s i s u e i e l a d a r s e i w y t s e j
6 u g a i e w e r t s u a p a d s , s k e h o p d t
h a e l c h s r d t c . e i t a i p i h e x o l e
e 7 9 l l e d e : p o l o - t a n w i t o s b o s t i p e s
r i l l e d e : p o l o - t a n w i t o s b o s t i p e s
o 9 t t c u t , s k a m e b e e e s u p t h d t w
k : o o C c r w i t d e b e e e s u p t h d t w
h r o f o u l m e r a l b w t r t l o i s s a s e o
u e v a r t . l j T e a s i b s , s i s e d l s e t t ' o
t r i e l e v e o n h s , s i s e d l s e t t ' o
c t o r E e e e o n h s , s i s e d l s e t t ' o
r p k t C r n w e p n l r t l c g d k
e s s g r n w e p n l r t l c g d k

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asipue ne ha i
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t(eehd d soem
h. nnoq¹⁶ enwra⁵
Covwv¹ S¹ st a¹h
hne) 3n¹ T¹ sr nio
a¹ 3n¹ A¹ d¹i¹ d¹u
p¹ 3n¹ e¹ L¹ d¹i¹ d¹u
t¹ v¹ 3n¹ d¹i¹ d¹u
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I¹ v¹ a¹ h¹ P¹ 0¹ t¹ i¹ e¹
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s¹ e¹ d¹ e¹ n¹ l¹ y¹ n¹
% t¹ p¹ x¹ t¹ i¹ t¹ c¹ o¹ d¹
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v¹ a¹ o¹ t¹ o¹ e¹ l¹ n¹ o¹
% a¹ n¹ g¹ t¹ s¹ o¹ g¹ u¹ m¹
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/ p¹ k¹ D¹ n¹ e¹ v¹ a¹
b¹ a¹ v¹ p¹ r¹ g¹ f¹ e¹ g¹
l¹ c¹ o¹ e¹ n¹ y¹ i¹ o¹ i¹ r¹ r¹ b¹ e¹
t¹ i¹ n¹ e¹ p¹ a¹ g¹ u¹ r¹
o¹ l¹ e¹ v¹ p¹ c¹ d¹ n¹ o¹
g¹ v¹ c¹ s¹ i¹ a¹ o¹ s¹ w¹
a¹ t¹ a¹ l¹ u¹ n¹ a¹ e¹ l¹ s¹
t¹ a¹ e¹ t¹ t¹ n¹ e¹ r¹
% e¹ . b¹ p¹ t¹ r¹ g¹ e¹ o¹ r¹
((p¹ u¹ t¹ d¹ . b¹ o¹ r¹ u¹ y¹
p¹ . . y¹ t¹ o¹ . c¹ o¹
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M a s i h t s t om
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e t h n g x r w i t e a a o
l a t a " t e t e f d s l
s e l , F , y s f o 71
n o f d s i r a i t t o y 727
? s a n e f u t e h 3
W t t **P** d u s o l p c e
h i h a **lo** (i n u e h o
a n a b **ng**) m b e s a
t s a t n p t c v r n
a o s h **o** 2 p t l e a f a d
r u e r m r o n a n c
e r t o l m s y d a
c t n d e l m s t a l e a
t a j o n e t n a h i d s
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-rt. d and set par vn hrt dnt
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aort Fm h h m t g p a Eae re
A p nse ao. u 7a h o e q y e r r n n
Pi tr Dr m t cuo e n t p d a p
o se j e a m s u t i to d a f
9h e n a j n t l e p i n e n m r n s o
6 s b m g n e k d o d m i r o o f r
h e a n r h l t b s t w r h a l p s
7 i t u a n s e q h l a e c o a r e
4 h t o n k o d h l r o c i a e c o a r e
t p e i y e r r s l e m c e u t e w c w d c
h r s p y o q c r h e e p i s u
a a o r t a D r U e o T y j u n w r
t T u t t o w j h J o e a a h n g o i
h t o v e m a a r l p t d i m e t r t t
a h t i o e n c o e t s a r e g t d y
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o m e s s o w n t w a g a N e
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s a f t b f e s e o m i e n a y r t s
n d a i e w s n t s a s a p e n o
f s m r a s l a d e t n e y r i m o n
o a r l t s l t e o h e s d i n t s
r t n t a o a q s a d n s t g h .
h w u o o e t t b o f s a a
y w u o d n d o l c
a a i t n s d A c o e t p o o i t t p
t d n s p e n a r o r e n a r t p
m i e h t d l j t r i t o f c s e o e
a a u i h c e a c h c o g t h a
n f r s t p e s u c s r r e w u e c s e r
y e o i s f o e t l n s e r s o e n
- i r u y m a a e s v d f o n o
t v e n a s o t n t e e h s ! r m t n 74
d e d e e o e a 6

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, r o d i a d m t h
m u j m m e t o r
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g h a u i h w t e
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ccor d s y w c h e t t e r i
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o f k h h m e a t n y h a c o
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t l i d o e o s p w t e n u 86
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tt--ys2ed
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a-ll t sk
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H- s re s' rvo
ed- ot gosh
lb- h s' anta
la- k R t d
su- mt d f d
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s- t p odesuw
v- Da b en
e- (e) h eitt
m- sle h rci
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)- reik f eoe
a- o k h s o
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p- sg o a m a j c
ye- a d t e y
t d d s v i s of k
h)- t d i: ut s
d- ex o e d n
re- s sc u won t
f- t s e d
a- wo e k s
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r c- a q m t o s r o
ch- l e a t l j e g
a-e- l a b r e l y d p
a-e- o o l e n o s t p
:c- R a l e n o s t p
a- k a n o c t a n n.
f t- n o y e n d s
q i- a w r u y s l
r d- l n o w h
m d- 6 n e l h e p c
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1. 1996年，中国首次提出“入世”目标，经过15年的艰苦谈判，终于在2001年12月11日正式成为世界贸易组织（WTO）成员。
 2. 加入WTO后，中国迅速融入全球经济体系，进出口贸易额大幅增长，成为世界第二大经济体。
 3. 同时，中国也面临着巨大的挑战，包括贸易摩擦、知识产权保护、劳动力成本上升等。
 4. 为了应对这些挑战，中国政府采取了一系列措施，如加强知识产权保护、推动产业升级、扩大内需等。
 5. 目前，中国正致力于构建“双循环”新发展格局，以应对外部环境的不确定性。
 6. 未来，中国将继续深化改革，扩大开放，为全球经济增长作出更大贡献。

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The first part of the text discusses the importance of understanding the context of a document. It emphasizes that a thorough reading of the entire document is necessary to grasp the author's intent and the overall message. This involves paying attention to the structure, tone, and style of the writing.

The second part of the text focuses on the importance of identifying the main points and arguments. It suggests that readers should look for key words and phrases that indicate the author's position on a particular issue. This helps in summarizing the document and identifying the most important information.

The third part of the text discusses the importance of evaluating the credibility of the source. It advises readers to consider the author's qualifications, the date of the document, and the potential biases or conflicts of interest. This is crucial for determining the reliability of the information presented.

The fourth part of the text emphasizes the importance of critical thinking. It encourages readers to question the information presented and to look for evidence to support or refute the author's claims. This involves analyzing the logic of the arguments and identifying any logical fallacies or weaknesses.

The fifth part of the text discusses the importance of synthesizing the information. It suggests that readers should combine the information from different sources to form a comprehensive understanding of the topic. This involves identifying common themes and contradictions and drawing conclusions based on the evidence.

The sixth part of the text focuses on the importance of communication. It advises readers to clearly express their own thoughts and opinions in writing. This involves using appropriate language and structure to convey the message effectively.

The seventh part of the text discusses the importance of research. It suggests that readers should use a variety of sources to gather information and to verify the accuracy of the data. This involves using both primary and secondary sources and cross-referencing information.

The eighth part of the text emphasizes the importance of organization. It advises readers to plan their writing and to use clear headings and subheadings to structure the document. This helps in presenting the information in a logical and easy-to-follow manner.

The ninth part of the text discusses the importance of revision. It suggests that readers should review their work multiple times to ensure that it is clear, concise, and free of errors. This involves checking for grammar, punctuation, and formatting issues.

The tenth part of the text focuses on the importance of proofreading. It advises readers to read their work carefully to catch any mistakes and to make necessary corrections. This is the final step in the writing process and is essential for producing a high-quality document.

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1. **Stress** (stress) is the force exerted on a surface or material, typically measured in Pascals (Pa) or Newtons per square meter (N/m²). It is a scalar quantity, meaning it has magnitude but no direction.

2. **Strain** (strain) is the deformation or displacement of a material under stress, typically measured as a ratio of change in length to original length. It is a dimensionless quantity.

3. **Young's Modulus** (Young's Modulus) is a measure of a material's stiffness or resistance to deformation under stress. It is defined as the ratio of stress to strain and is typically measured in Pascals (Pa) or Newtons per square meter (N/m²).

4. **Poisson's Ratio** (Poisson's Ratio) is a measure of the lateral contraction or expansion of a material under stress. It is defined as the ratio of lateral strain to longitudinal strain and is typically measured as a dimensionless quantity.

5. **Shear Modulus** (Shear Modulus) is a measure of a material's resistance to shear deformation. It is defined as the ratio of shear stress to shear strain and is typically measured in Pascals (Pa) or Newtons per square meter (N/m²).

6. **Volume Modulus** (Volume Modulus) is a measure of a material's resistance to volume change under stress. It is defined as the ratio of volumetric stress to volumetric strain and is typically measured in Pascals (Pa) or Newtons per square meter (N/m²).

7. **Thermal Expansion** (Thermal Expansion) is the increase in length or volume of a material as temperature increases. It is typically measured as a coefficient of thermal expansion, which is a dimensionless quantity.

8. **Thermal Contraction** (Thermal Contraction) is the decrease in length or volume of a material as temperature decreases. It is typically measured as a coefficient of thermal contraction, which is a dimensionless quantity.

9. **Thermal Stress** (Thermal Stress) is the stress induced in a material due to thermal expansion or contraction. It is typically measured in Pascals (Pa) or Newtons per square meter (N/m²).

10. **Thermal Strain** (Thermal Strain) is the strain induced in a material due to thermal expansion or contraction. It is typically measured as a dimensionless quantity.

11. **Thermal Conductivity** (Thermal Conductivity) is a measure of a material's ability to conduct heat. It is typically measured in Watts per meter-Kelvin (W/m·K).

12. **Thermal Diffusivity** (Thermal Diffusivity) is a measure of a material's ability to transfer heat. It is typically measured in square meters per second (m²/s).

13. **Thermal Expansion Coefficient** (Thermal Expansion Coefficient) is a measure of the change in length or volume of a material per unit change in temperature. It is typically measured as a dimensionless quantity.

14. **Thermal Contraction Coefficient** (Thermal Contraction Coefficient) is a measure of the change in length or volume of a material per unit change in temperature. It is typically measured as a dimensionless quantity.

15. **Thermal Stress Coefficient** (Thermal Stress Coefficient) is a measure of the stress induced in a material per unit change in temperature. It is typically measured in Pascals per Kelvin (Pa/K) or Newtons per square meter per Kelvin (N/m²/K).

16. **Thermal Strain Coefficient** (Thermal Strain Coefficient) is a measure of the strain induced in a material per unit change in temperature. It is typically measured as a dimensionless quantity.

17. **Thermal Conductivity Coefficient** (Thermal Conductivity Coefficient) is a measure of the ability of a material to conduct heat per unit change in temperature. It is typically measured in Watts per meter-Kelvin per Kelvin (W/m·K/K).

18. **Thermal Diffusivity Coefficient** (Thermal Diffusivity Coefficient) is a measure of the ability of a material to transfer heat per unit change in temperature. It is typically measured in square meters per second per Kelvin (m²/s/K).

19. **Thermal Expansion Coefficient of Area** (Thermal Expansion Coefficient of Area) is a measure of the change in area of a material per unit change in temperature. It is typically measured as a dimensionless quantity.

20. **Thermal Contraction Coefficient of Area** (Thermal Contraction Coefficient of Area) is a measure of the change in area of a material per unit change in temperature. It is typically measured as a dimensionless quantity.

21. **Thermal Stress Coefficient of Area** (Thermal Stress Coefficient of Area) is a measure of the stress induced in a material per unit change in temperature. It is typically measured in Pascals per Kelvin (Pa/K) or Newtons per square meter per Kelvin (N/m²/K).

22. **Thermal Strain Coefficient of Area** (Thermal Strain Coefficient of Area) is a measure of the strain induced in a material per unit change in temperature. It is typically measured as a dimensionless quantity.

23. **Thermal Conductivity Coefficient of Area** (Thermal Conductivity Coefficient of Area) is a measure of the ability of a material to conduct heat per unit change in temperature. It is typically measured in Watts per meter-Kelvin per Kelvin (W/m·K/K).

24. **Thermal Diffusivity Coefficient of Area** (Thermal Diffusivity Coefficient of Area) is a measure of the ability of a material to transfer heat per unit change in temperature. It is typically measured in square meters per second per Kelvin (m²/s/K).

25. **Thermal Expansion Coefficient of Volume** (Thermal Expansion Coefficient of Volume) is a measure of the change in volume of a material per unit change in temperature. It is typically measured as a dimensionless quantity.

26. **Thermal Contraction Coefficient of Volume** (Thermal Contraction Coefficient of Volume) is a measure of the change in volume of a material per unit change in temperature. It is typically measured as a dimensionless quantity.

27. **Thermal Stress Coefficient of Volume** (Thermal Stress Coefficient of Volume) is a measure of the stress induced in a material per unit change in temperature. It is typically measured in Pascals per Kelvin (Pa/K) or Newtons per square meter per Kelvin (N/m²/K).

28. **Thermal Strain Coefficient of Volume** (Thermal Strain Coefficient of Volume) is a measure of the strain induced in a material per unit change in temperature. It is typically measured as a dimensionless quantity.

29. **Thermal Conductivity Coefficient of Volume** (Thermal Conductivity Coefficient of Volume) is a measure of the ability of a material to conduct heat per unit change in temperature. It is typically measured in Watts per meter-Kelvin per Kelvin (W/m·K/K).

30. **Thermal Diffusivity Coefficient of Volume** (Thermal Diffusivity Coefficient of Volume) is a measure of the ability of a material to transfer heat per unit change in temperature. It is typically measured in square meters per second per Kelvin (m²/s/K).

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 58. **Social-Responsibility**
 59. **Legal-Advisory**
 60. **IT-Security**
 61. **Product-Lifecycle**
 62. **Sales-Strategy**
 63. **Research-Methodology**
 64. **Production-Process**
 65. **Logistics-Network**
 66. **Service-Design**
 67. **Customer-Journey**
 68. **Human-Resource-Planning**
 69. **Financial-Analysis**
 70. **Risk-Register**
 71. **Environmental-Audit**
 72. **Social-Media-Strategy**
 73. **Legal-Review**
 74. **IT-Compliance**
 75. **Product-Strategy**
 76. **Sales-Team**
 77. **Research-Project**
 78. **Production-Line**
 79. **Logistics-Route**
 80. **Service-Point**
 81. **Customer-Feedback**
 82. **Human-Resource-Development**
 83. **Financial-Forecasting**
 84. **Risk-Analysis**
 85. **Environmental-Reporting**
 86. **Social-Media-Engagement**
 87. **Legal-Compliance**
 88. **IT-Infrastructure**
 89. **Product-Market-Fit**
 90. **Sales-Funnel**
 91. **Research-and-Development**
 92. **Production-Scheduling**
 93. **Logistics-Optimization**
 94. **Service-Quality**
 95. **Customer-Satisfaction**
 96. **Human-Performance**
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 3. **Lower lip**
 4. **Chin**
 5. **Neck**
 6. **Throat**
 7. **Trachea**
 8. **Esophagus**
 9. **Stomach**
 10. **Small intestine**
 11. **Large intestine**
 12. **Rectum**
 13. **Anus**
 14. **Uterus**
 15. **Vagina**
 16. **Vulva**
 17. **Clitoris**
 18. **Penis**
 19. **Scrotum**
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 4. **Results**
 5. **Discussion**
 6. **Conclusion**
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2019年12月10日
 星期三
 晴
 今天天气很好，阳光明媚，微风轻拂，真是出门的好日子。上午去参加了朋友的生日聚会，大家欢聚一堂，气氛非常热闹。下午则在家休息，看了一些电视剧，感觉还不错。晚上和家人一起吃晚饭，聊了聊家常，感觉很温馨。总的来说，今天过得挺充实的，也很开心。明天计划去公园散步，呼吸一下新鲜空气。希望接下来的日子都能这么美好。

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കുറവ് ഉണ്ടാകുന്നതിനുള്ള സാധ്യതകളെക്കുറിച്ച് പഠിക്കുക. പലപ്പോഴും, കുറവ് ഉണ്ടാകുന്നത് മൂലകങ്ങളുടെ അളവിലെ മാറ്റം മൂലമാണ്. ഇത് മൂലകങ്ങളുടെ അളവിലെ മാറ്റം മൂലമാണ്.

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1. **Selfies** are a popular way for people to share their lives on social media. They often show people in a casual, candid way, capturing a moment of their day.

2. **Selfies** can be taken with a smartphone or a camera. They are often shared on platforms like Instagram, Facebook, and Snapchat.

3. **Selfies** can be a fun way to document your life, but they can also be a source of comparison and insecurity. It's important to remember that everyone's life is different, and it's not always what it seems.

4. **Selfies** can be a great way to connect with friends and family, but they can also be a distraction from the real world. It's important to take breaks from social media and spend time with the people you love in person.

5. **Selfies** can be a fun and creative way to express yourself, but they can also be a source of stress and anxiety. It's important to take a break from social media and focus on your mental health.

6. **Selfies** can be a great way to share your life with the world, but they can also be a source of comparison and insecurity. It's important to remember that everyone's life is different, and it's not always what it seems.

7. **Selfies** can be a fun way to document your life, but they can also be a source of comparison and insecurity. It's important to remember that everyone's life is different, and it's not always what it seems.

8. **Selfies** can be a great way to connect with friends and family, but they can also be a distraction from the real world. It's important to take breaks from social media and spend time with the people you love in person.

9. **Selfies** can be a fun and creative way to express yourself, but they can also be a source of stress and anxiety. It's important to take a break from social media and focus on your mental health.

10. **Selfies** can be a great way to share your life with the world, but they can also be a source of comparison and insecurity. It's important to remember that everyone's life is different, and it's not always what it seems.

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1. The first step is to identify the problem. This involves understanding the current situation and what needs to be achieved.

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ವಾಗುವುದು. ಈ ಸಂದರ್ಭದಲ್ಲಿ, ಸರ್ಕಾರವು ಸಾರ್ವಜನಿಕ ಸ್ಥಳಗಳಲ್ಲಿ ಸುರಕ್ಷತೆ ಮತ್ತು ಆರೋಗ್ಯವನ್ನು ಖಚಿತಪಡಿಸಲು ಸಾಧ್ಯವಾದಷ್ಟು ಕ್ರಮಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳುವುದು. ಇಂತಹ ಸಂದರ್ಭಗಳಲ್ಲಿ, ಸರ್ಕಾರವು ಸಾರ್ವಜನಿಕ ಸ್ಥಳಗಳಲ್ಲಿ ಸುರಕ್ಷತೆ ಮತ್ತು ಆರೋಗ್ಯವನ್ನು ಖಚಿತಪಡಿಸಲು ಸಾಧ್ಯವಾದಷ್ಟು ಕ್ರಮಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳುವುದು. ಇಂತಹ ಸಂದರ್ಭಗಳಲ್ಲಿ, ಸರ್ಕಾರವು ಸಾರ್ವಜನಿಕ ಸ್ಥಳಗಳಲ್ಲಿ ಸುರಕ್ಷತೆ ಮತ್ತು ಆರೋಗ್ಯವನ್ನು ಖಚಿತಪಡಿಸಲು ಸಾಧ್ಯವಾದಷ್ಟು ಕ್ರಮಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳುವುದು.

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1. The first step in the process of creating a new product is to identify a market need. This is often done through market research, which can involve surveys, focus groups, and other methods of gathering information from potential customers. Once a market need has been identified, the next step is to develop a concept for a product that meets that need. This is often done through brainstorming and prototyping. Once a concept has been developed, the next step is to create a business plan for the product. This plan should outline the costs of production, the pricing strategy, and the marketing strategy. Once a business plan has been created, the next step is to secure funding for the product. This can be done through a variety of methods, including venture capital, angel investors, and crowdfunding. Once funding has been secured, the next step is to manufacture the product. This is often done through a contract manufacturer. Once the product has been manufactured, the next step is to distribute it to customers. This can be done through a variety of methods, including direct sales, retail partners, and online sales. Finally, the last step in the process is to monitor the product's performance in the market. This is often done through sales data and customer feedback. If the product is not performing well, the company may need to make changes to the product or the marketing strategy.

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