How to run the script « fastplanet.pgm »

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SCRIPT : processing of a color video of Saturn or Mars when the latter is seen in the gibbous phase (I use "pregister" for the registration). It doesn't compensate for field rotation & dust on the sensor.

The script is optimised to run as fast as possible but requires your intervention during processing.
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What you have to do :

- Convert the video of the planet into 3 sequences named respectively r,g,b

- Run the script "fastplanet.pgm" with this command:

>run name_of_the_script $1 $2 $3 $4 $5

Example: >run fastplanet 216 100 150 200 512

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Parameters of the script :
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$1 = number of images in your video
$2 = number of images to add together (first attempt)
$3 = number of images to add together (second attempt)
$4 = number of images to add together (third attempt)

Pay ATTENTION:

For $4 choose the MAX number of images you want to add together.
If you want to add another number of images manually after this script you can't exceed the $4 number!

$5 = value used to set a square of $5 pixels side including the planet. You can choose between 128, 256 or 512 pixels.

Example: if the planet is big, choose 512